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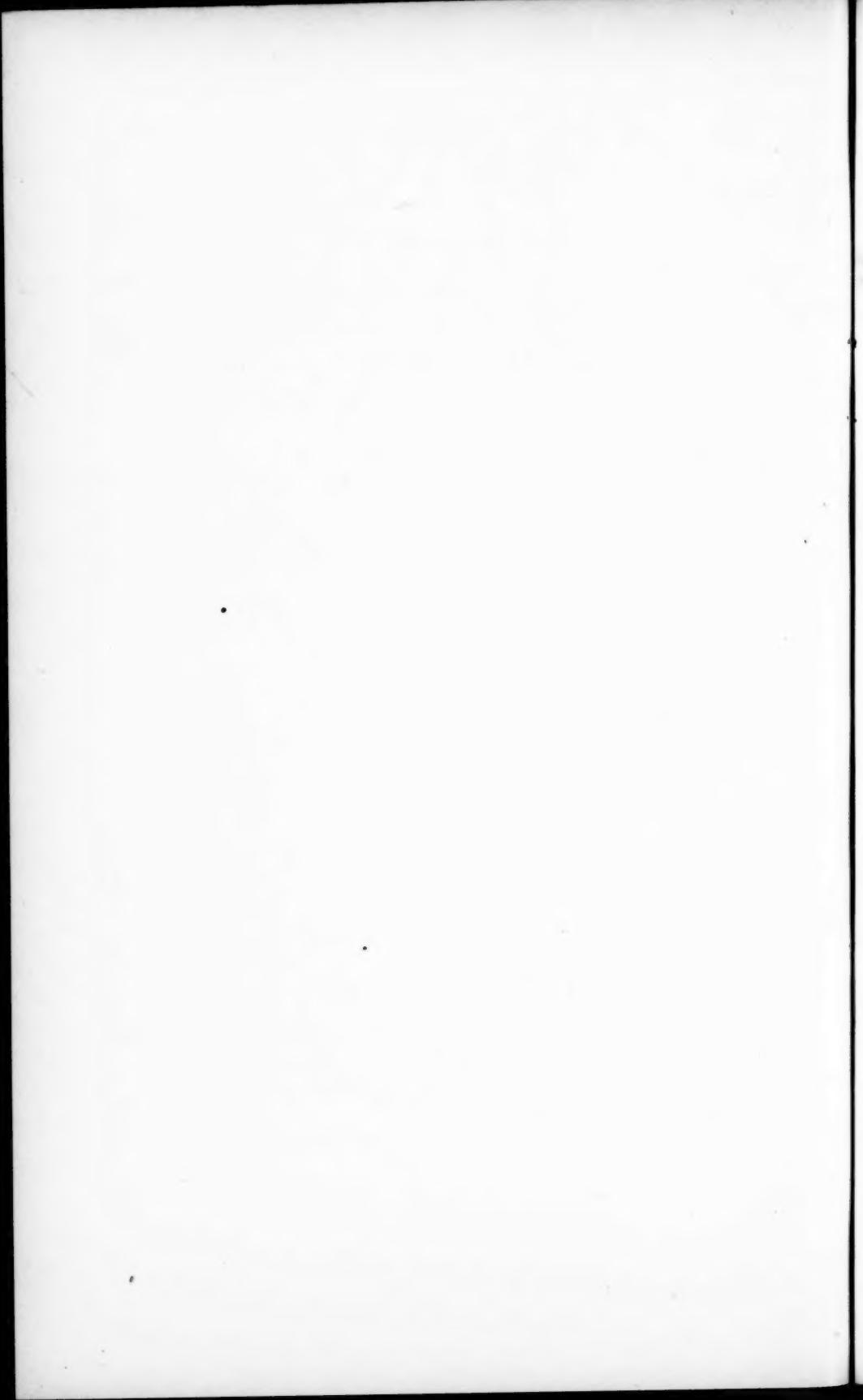
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## PUBLIC HEALTH REPORTS.

### UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

*Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.*

Passed Assistant Surgeon Blue reports, November 25, 27, and 28:

#### SAN FRANCISCO, CAL.

*Week ended November 28.*

Last case of human plague.....	Sickened, January 30, 1908
Sick inspected .....	7
Plague .....	0
Dead inspected.....	121
Plague .....	0
Necropsies held .....	3
Premises inspected .....	9,938
Houses disinfected .....	14
Houses destroyed .....	2
Buildings condemned.....	7
Nuisances abated.....	898
<hr/>	
Rats found dead.....	85
Rats trapped.....	2,137
<hr/>	
Total rats taken.....	2,222
<hr/>	
Rats identified:	
Mus norvegicus .....	1,530
Mus rattus .....	33
Mus musculus .....	612
<hr/>	
Total .....	2,175
<hr/>	
Rats identified as to sex.....	1,520
Male .....	612
Female .....	908
Rats examined bacteriologically.....	1,376
Plague rats.....	0
Certificates of inspection of freight.....	2
Poisons placed .....	68,852

#### OAKLAND, CAL.

*Week ended November 21.*

Dead inspected.....	30
Plague .....	0
Rats trapped .....	271
Rats examined bacteriologically .....	265
Plague rats .....	0
Mice trapped .....	7
Mice examined bacteriologically .....	7
Plague mice .....	0
Necropsies held .....	3

## POINT RICHMOND, CAL.

Week ended November 21.

Sick inspected.....	2
Plague.....	0
Dead inspected.....	7
Plague.....	0
Premises inspected.....	551
Nuisances abated.....	43
Rats found dead.....	31
Rats trapped.....	44
Rats examined bacteriologically.....	44
Plague rats.....	0
Mice received by laboratory.....	2
Mice examined bacteriologically.....	2
Plague mice.....	0
Poisons placed.....	23,000

## ALAMEDA COUNTY, CAL.

Week ended November 21.

Sick inspected.....	4
Plague.....	0
Dead inspected.....	55
Plague.....	0
Necropsies held.....	4

*Report from Seattle, Wash.—Plague-prevention work.*

Passed Assistant Surgeon Glover reports, November 30:

## SEATTLE, WASH.

Week ended November 28.

Date of finding of last plague rat.....	September 26, 1908
Rats received.....	1,153
Rats necropsied.....	1,037
Plague rats.....	0
Plague-infected rats to date.....	21
Vessels inspected.....	11
Vessels fumigated.....	2

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES  
OF THE UNITED STATES—UNTABULATED.

KANSAS.—Month of September, 1908. Population, census 1900, 1,470,495. Total deaths, from contagious and infectious diseases, 90, including tuberculosis 48, enteric fever 32, and diphtheria 10. Cases: tuberculosis 82, enteric fever 222, diphtheria 104, scarlet fever 112, smallpox 25, and measles 8.

MINNESOTA—Minneapolis.—Month of October, 1908. Estimated population, 300,000. Total number of deaths, 278, including diphtheria 12, enteric fever 11, and 32 from tuberculosis. Cases: Diphtheria 168, enteric fever 24, scarlet fever 17, smallpox 22, and tuberculosis 19.

MONTANA.—Month of October, 1908. Estimated population, 280,000. Reports of the State board of health show as follows: Total number of

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deaths, 334, including enteric fever 19, measles 1, scarlet fever 2, diphtheria 8, and 31 from tuberculosis. Cases: Smallpox 76, diphtheria 70, scarlet fever 92, measles 70, and enteric fever 146.

**OHIO**—*Columbus*.—Month of October, 1908. Estimated population, 185,000. Total number of deaths, 171, including enteric fever 8, diphtheria 1, and 22 from tuberculosis. Cases: Diphtheria 13, enteric fever 46, measles 8, scarlet fever 49, smallpox 2, whooping cough 1, and tuberculosis 47.

**UTAH**.—Month of October, 1908. Reports to the state board of health from 27 counties, having an estimated population of 346,873, show as follows: Total number of deaths, 293, including diphtheria 8, enteric fever 17, whooping cough 3, scarlet fever 2, and 8 from tuberculosis. Cases: Diphtheria 54, enteric fever 152, measles 13, scarlet fever 56, smallpox 25, whooping cough 70, and tuberculosis 15 (incomplete).

**WISCONSIN**—*Milwaukee*.—Month of October, 1908. Estimated population, 360,000. Total number of deaths, 351, including diphtheria 6, enteric fever 9, scarlet fever 1, and 42 from tuberculosis. Cases of contagious diseases reported: Diphtheria 44, enteric fever 53, measles 8, scarlet fever 90, and tuberculosis 69.

***Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to December 11, 1908.***

[For reports received from December 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Huntsville .....	Jan. 5-June 18 .....	85 .....	.....	
Mobile.....	June 7-Aug. 29.....	10 .....	.....	
Total for State.....	.....	95 .....	.....	
		=====	=====	And vicinity.
<b>Arkansas:</b>				
Sulphur Rock .....	Aug. 25-Nov. 9....	14 .....	.....	
Texarkana .....	Dec. 1-June 15.....	.....	.....	
Total for State.....	.....	14 .....	.....	
		=====	=====	Present.
<b>California:</b>				
Angel Island Quarantine Station.	Jan. 1-May 18 .....	.....	.....	5 additional cases. Report received out of date.
Berkeley .....	Sept. 17-Oct. 17 .....	4 .....	.....	
Cedarville .....	July 1-Aug. 31 .....	5 .....	.....	In vicinity.
Los Angeles .....	June 7-Nov. 7 .....	7 .....	.....	July 13, 1 case on schr. Alumna. Report for June not received.
Oakland .....	Apr. 1-Sept. 30 .....	18 .....	.....	
Sacramento .....	May 1-Oct. 31 .....	12 .....	.....	
San Bernardino .....	Dee. 11-July 11 .....	54 .....	.....	Reported out of date.
San Diego County .....	June 1-Aug. 3 .....	98 .....	.....	June 1-13, mainly on Pala Indian Reservation.
Escondido .....	June 1-Aug. 3 .....	15 .....	.....	
San Diego .....	June 1-Oct. 31 .....	39 .....	.....	
San Francisco .....	June 6-Nov. 21 .....	104 .....	1 .....	
Stockton .....	July 1-31 .....	1 .....	.....	
Total for State.....	.....	357 .....	1 .....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Colorado:</b>				
Adams County .....	Jan. 1-Mar. 31.....	3	.....	
Bent County .....	Apr. 1-June 30.....	2	.....	
Boulder County .....	Apr. 1-June 30.....	4	.....	
Chaffee County .....	Jan. 1-Mar. 31.....	1	.....	
Cheyenne County .....	Jan. 1-Mar. 31.....	1	.....	
Denver County .....	Jan. 1-June 30.....	108	.....	
Douglas County .....	Apr. 1-June 30.....	1	.....	
Eagle County .....	Jan. 1-Mar. 31.....	9	.....	
Elbert County .....	Jan. 1-Mar. 31.....	3	.....	
El Paso County—				
Colorado City .....	Jan. 1-June 30.....	8	.....	
Colorado Springs .....	Apr. 1-June 30.....	10	.....	
Garfield County .....	Jan. 1-Mar. 30.....	17	.....	
Huerfano County .....	Jan. 1-June 30.....	18	.....	
Jefferson County .....	Jan. 1-Mar. 30.....	19	.....	
Larimer County .....	Jan. 1-June 30.....	3	.....	
Las Animas County .....	Jan. 1-Mar. 31.....	9	.....	
Lincoln County .....	Jan. 1-Mar. 31.....	19	.....	
Montrose County .....	Apr. 1-June 30.....	3	.....	
Montezuma .....	Jan. 1-Mar. 31.....	3	.....	
Morgan County .....	Apr. 1-June 30.....	3	.....	
Otero County .....	Jan. 1-June 30.....	40	.....	
Prowers County .....	Jan. 1-Mar. 31.....	1	.....	
Pueblo County .....	Jan. 1-June 30.....	6	.....	
Routt County .....	Apr. 1-June 30.....	2	.....	
San Juan County .....	Jan. 1-Mar. 31.....	4	.....	
Sedgwick County .....	Jan. 1-Mar. 31.....	8	.....	
San Miguel County .....	Apr. 1-June 30.....	1	.....	
Teller County .....	Jan. 1-June 30.....	2	.....	
Cripple Creek .....	Jan. 1-June 30.....	15	.....	
Weld County .....	Jan. 1-Apr. 30.....	9	.....	
Yuma County .....	Apr. 1-June 30.....	8	.....	
Total for State.....		340	.....	
<b>Delaware:</b>				
Reedy Island Quarantine Station.....	Aug. 9.....	1	.....	From s. s. Haverford.
Total for State.....		1	.....	
<b>District of Columbia:</b>				
Washington .....	June 14-Nov. 21..	19	.....	
Total for District .....		19	.....	
<b>Florida:</b>				
Jacksonville .....	Oct. 4-10.....	1	.....	
Tampa .....	Oct. 4-12.....	1	.....	
Total for State.....		2	.....	
<b>Idaho:</b>				
Carey.....	May 21-Aug. 4....	21	.....	
Total for State.....		21	.....	
<b>Illinois:</b>				
Alexander County .....	May 1-31.....	3	.....	
Carroll County .....	May 1-31.....	5	.....	
Cairo .....	Oct. 1-31.....	7	.....	
Cass County .....	May 1-31.....	34	.....	
Champaign County .....	May 1-31.....	4	.....	
Christian County .....	May 1-31.....	3	.....	
Clark County .....	May 1-31.....	11	.....	
Cook County—				
Chicago .....	June 14-Oct. 24...	12	.....	
Harvey .....	May 1-31.....	1	.....	
Dupage County .....	May 1-31.....	1	.....	
Effingham County .....	May 1-31.....	1	.....	
Iroquois County .....	May 1-31.....	3	.....	
Jo Daviess County .....	May 1-31.....	1	.....	
Kane County .....	May 1-31.....	37	.....	
Macon County .....	May 1-31.....	5	.....	
Macoupin County .....	May 1-31.....	5	.....	
Marshall County .....	May 1-31.....	9	.....	
McLean County .....	May 1-31.....	5	.....	
Mercer County .....	May 1-31.....	1	.....	
Montgomery County .....	May 1-31.....	7	.....	
Morgan County .....	May 1-31.....	20	.....	
Jacksonville .....	June 1-30.....	10	.....	

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*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois—Continued.</b>				
Peoria County.....	May 1-31.....	12	.....	
Saline County.....	May 1-31.....	5	.....	
Sangamon County—				
Springfield.....	June 19-Dec. 3.....	7	.....	
Stevenson County.....	May 1-31.....	25	.....	
Tazewell County.....	May 1-31.....	64	.....	
Warren County.....	May 1-31.....	6	.....	
Will County.....	May 1-31.....	1	.....	
Joliet.....	May 1-31.....	19	.....	
Total for State.....		324	.....	
<b>Indiana:</b>				
Allen County.....	Apr. 1-June 30.....	4	.....	
Fort Wayne.....	June 21-Nov. 7.....	8	.....	
Bartholomew County.....	Apr. 1-30.....	1	.....	
Boone County.....	Apr. 1-June 30.....	4	.....	
Carroll County.....	May 1-Sept. 30.....	77	1	
Clark County—	Apr. 1-July 31.....	39	.....	
Jeffersonville.....	June 1-July 31.....	25	1	
Clay County.....	Aug. 1-31.....	8	.....	
Decatur County.....	Aug. 1-Sept. 30.....	6	.....	
Dearborn County.....	Apr. 1-June 30.....	5	.....	
Dekalb County.....	Apr. 1-June 30.....	15	.....	
Delaware County.....	Apr. 1-June 30.....	23	.....	
Elkhart County—				
Elkhart.....	Oct. 25-Nov. 7.....	6	.....	
Floyd County.....	June 1-30.....	1	.....	
Fountain County.....	June 1-30.....	4	.....	
Fulton County.....	Apr. 1-30.....	19	.....	
Grant County.....	Apr. 1-June 30.....	55	.....	
Hendricks County.....	Apr. 1-30.....	1	.....	
Howard County.....	Apr. 1-30.....	15	.....	
Huntington County.....	Apr. 1-30.....	38	.....	
Jackson County.....	Apr. 1-Sept. 30.....	5	.....	
Jefferson County.....	June 1-30.....	6	.....	
Johnson County.....	Apr. 1-Aug. 31.....	13	.....	
Knox County.....	Apr. 1-May 31.....	31	.....	
Laporte County.....	Apr. 1-30.....	2	.....	
Lawrence County.....	Apr. 1-30.....	12	.....	
Madison County.....	Apr. 1-Aug. 31.....	10	.....	
Marion County—				
Indianapolis.....	Apr. 1-June 30.....	41	.....	
Marshall County.....	June 8-Oct. 11.....	64	1	
Miami County.....	Apr. 1-30.....	1	.....	
Morgan County.....	Apr. 1-30.....	16	.....	
Newton County.....	Apr. 1-30.....	2	.....	
Noble County.....	Apr. 1-30.....	2	.....	
Orange County.....	Apr. 1-30.....	15	.....	
Owen County.....	Apr. 1-30.....	1	.....	
Park County.....	June 1-30.....	1	.....	
Perry County.....	Sept. 1-30.....	1	.....	
Porter County.....	June 1-30.....	1	.....	
St. Joseph County—				
South Bend.....	June 1-Sept. 30.....	12	.....	
Scott County.....	June 29-Sept. 26.....	13	.....	
Shelby County.....	June 1-30.....	2	.....	
Steuben County.....	Apr. 1-30.....	25	1	
Sullivan County.....	May 1-31.....	30	.....	
Tippecanoe County—				
Lafayette.....	Apr. 1-30.....	9	.....	
Tipton County.....	June 21-Nov. 30.....	21	.....	
Vanderburg County.....	June 1-30.....	1	.....	
Wabash County.....	Apr. 1-30.....	14	.....	
Warwick County.....	Apr. 1-30.....	1	.....	
Wayne County.....	Apr. 1-Sept. 30.....	17	.....	
Wells County.....	Apr. 1-30.....	1	.....	
Vigo County.....	May 1-June 30.....	12	.....	
Terre Haute.....	Nov. 1-7.....	1	.....	
Total for State.....		763	4	
<b>Iowa, general</b>				
Adair County.....	Jan. 1-June 30.....	2,092	.....	
Audubon County.....	Oct. 1-31.....	11	.....	
Buchanan County.....	Oct. 1-31.....	1	.....	
Cass County.....	Oct. 1-31.....	1	.....	
Des Moines County—				
Burlington.....	June 15-Nov. 30.....	3	.....	
Johnson County.....	Oct. 1-30.....	1	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
Iowa—Continued.				
Lee County—Keokuk	June 1-30.....	1	.....	
Linn County—Cedar Rapids	June 1-July 1.....	4	.....	
Mill County	Oct. 1-30.....	8	.....	
Monroe County	Oct. 1-Nov. 30.....	19	.....	
Page County	Nov. 1-30.....	7	.....	
Scott County—Davenport	June 2-Oct. 31.....	4	.....	
Wayne County	Oct. 1-31.....	1	.....	
Warren County	Nov. 1-30.....	2	.....	
Wright County	Oct. 1-31.....	2	.....	
Woodbury County—Sioux City	June 1-Aug. 31.....	8	.....	
Total for State.....		2,166	.....	
Kansas:				
Allen County	Apr. 1-Sept. 30.....	29	.....	
Anderson County	Apr. 1-30.....	6	.....	
Atchison County—Atchison	Apr. 1-July 31.....	70	.....	
Barber County	Apr. 1-Aug. 30.....	30	.....	
Barton County	June 1-30.....	1	.....	
Bourbon County	Apr. 1-Oct. 31.....	11	.....	
Butler County	Apr. 1-June 30.....	24	.....	
Chase County	May 1-June 30.....	29	.....	
Cherokee County	Apr. 1-Sept. 30.....	15	.....	
Cheyenne County	Apr. 1-June 30.....	14	.....	
Clay County	Apr. 1-30.....	2	.....	
Cloud County	May 1-31.....	2	.....	
Crawford County—Pittsburg	May 1-Sept. 30.....	6	.....	
Decatur County	Apr. 1-30.....	8	.....	
Dickinson County	June 1-30.....	4	.....	
Doniphan County	July 1-31.....	2	.....	
Douglas County	Apr. 1-30.....	3	.....	
Edwards County	Apr. 1-Sept. 30.....	38	.....	
Ford County	Apr. 1-May 31.....	3	.....	
Franklin County	May 1-June 30.....	2	.....	
Geary County	Apr. 1-May 31.....	3	.....	
Graham County	July 1-31.....	1	.....	
Greenwood County	June 1-30.....	2	.....	
Hamilton County	Apr. 1-Aug. 30.....	12	.....	
Harper County	Apr. 1-30.....	1	.....	
Harvey County	Apr. 1-Oct. 31.....	10	.....	
Haskell County	Apr. 1-30.....	14	.....	
Hodgeman County	Oct. 1-31.....	3	.....	
Jackson County	Apr. 1-30.....	2	.....	
Jefferson County	Apr. 1-Oct. 31.....	50	.....	
Jewell County	Apr. 1-June 30.....	11	.....	
Kingman County	May 1-31.....	3	.....	
Labette County—Parsons	Apr. 1-July 31.....	26	.....	
Leavenworth County—Leavenworth	Apr. 1-June 30.....	24	.....	
Lincoln County	Apr. 1-Aug. 30.....	49	.....	
Linn County	Apr. 1-June 30.....	62	.....	
Lyon County	May 1-31.....	3	.....	
Marion County	Apr. 1-July 31.....	7	.....	
McPherson County	Apr. 1-June 30.....	21	.....	
Meade County	Apr. 1-July 31.....	32	.....	
Miami County	June 1-Sept. 30.....	11	.....	
Montgomery County—Coffeyville	May 1-July 31.....	3	.....	
Morris County	Apr. 1-30.....	5	.....	
Nemaha County	Apr. 1-July 31.....	25	.....	
Neosho County	Apr. 1-30.....	8	.....	
Osage County	Apr. 1-30.....	14	.....	
Pawnee County	Apr. 1-July 31.....	80	.....	
Pottawatomie County	Apr. 1-30.....	2	.....	
Pratt County	Apr. 1-30.....	2	.....	
Rawlins County	Aug. 1-31.....	14	.....	
Reno County	Apr. 1-May 31.....	14	.....	
Republie County	Apr. 1-Oct. 31.....	18	.....	
Rooks County	July 1-31.....	1	.....	
Rush County	May 1-31.....	6	.....	
Saline County	Apr. 1-Oct. 31.....	18	.....	
Scott County	Oct. 1-31.....	1	.....	
Sedgwick County—Wichita	Apr. 1-June 30.....	28	.....	
Seward County	July 12-Nov. 7.....	4	.....	
Shawnee County	May 1-June 30.....	21	.....	
Topeka	Apr. 1-Oct. 31.....	35	.....	
	June 7-Nov. 28.....	45	.....	

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*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Smith County.....	Apr. 1-30.....	7	.....	
Stevens County.....	Apr. 1-30.....	1	.....	
Sumner County.....	Apr. 1-30.....	3	.....	
Trego County.....	Apr. 1-30.....	22	.....	
Washington County.....	Apr. 1-30.....	2	.....	
Wilson County.....	June 1-Sept. 30.....	20	.....	
Wyandotte County.....	May 1-31.....	7	.....	
Kansas City.....	June 8-Oct. 24.....	7	.....	
<b>Total for State.....</b>		<b>1,110</b>	.....	
<b>Kentucky:</b>				
Covington.....	June 21-Nov. 28.....	13	.....	
Lawrenceburg.....	Oct. 8-31.....	8	1	
Lexington.....	July 12-Nov. 14.....	5	.....	
<b>Total for State.....</b>		<b>26</b>	<b>1</b>	
<b>Louisiana:</b>				
New Orleans.....	June 14-Nov. 28.....	21	1	Mainly imported.
<b>Total for State.....</b>		<b>21</b>	<b>1</b>	
<b>Maine:</b>				
General.....	Nov. 1-7.....	12	.....	Along the Maine-Canadian border.
Aroostook County.....	Sept. 1-30.....	1	.....	
Fort Kent.....	Oct. 15.....	.....		Present.
Frenchville.....	Nov. 1-7.....	.....		Do.
Grant Isle.....	Oct. 15.....	.....		Do.
Cyr Plantation.....	Oct. 15.....	.....		
St. Agatha.....	Nov. 1-28.....	3	.....	
St. David.....	Nov. 22-28.....	2	.....	
Van Buren.....	Sept. 1-30.....	6	.....	
<b>Total for State.....</b>		<b>24</b>	.....	
<b>Maryland:</b>				
Baltimore.....	July 5-11.....	1	.....	
<b>Total for State.....</b>		<b>1</b>	.....	
<b>Massachusetts, general:</b>				
Lawrence.....	May 1-31.....	1	.....	
<b>Total for State.....</b>		<b>1</b>	.....	
<b>Michigan:</b>				
Alcona County.....	Oct. 1-31.....	2	.....	
Allegan County.....	May 1-31.....	18	.....	
Alpena County.....	July 1-31.....	4	.....	
Barry County.....	July 1-31.....	1	.....	
Bay County.....	May 1-Oct. 31.....	11	.....	
Benzie County.....	May 1-Nov. 30.....	21	.....	
Berrien County.....	May 1-Nov. 30.....	2	.....	
Branch County.....	May 1-31.....	2	.....	
Calhoun County.....	May 1-Aug. 31.....	36	.....	
Battle Creek.....	May 1-June 30.....	25	.....	
Charlevoix County.....	July 1-31.....	1	.....	
Cass County.....	May 1-31.....	17	.....	
Chippewa County.....	June 1-Nov. 30.....	7	.....	
Sault de Saint Marie.....	May 1-Nov. 30.....	8	.....	
Clare County.....	May 1-31.....	3	.....	
Eaton County.....	June 1-July 31.....	7	1	
Emmet County.....	May 1-31.....	1	.....	
Grand Traverse County.....	May 1-June 30.....	12	.....	
Gratiot County.....	June 1-30.....	2	.....	
Hillsdale County.....	May 1-June 30.....	3	.....	
Houghton County.....	May 1-Aug. 31.....	45	.....	
Huron County.....	May 1-July 31.....	25	.....	
Ingham County—Lansing.....	July 1-Oct. 31.....	4	.....	
Ionia County.....	May 1-July 31.....	11	.....	
Jackson County.....	May 1-June 30.....	10	.....	
Kalamazoo County.....	May 1-Nov. 30.....	8	.....	
Kent County.....	June 1-Nov. 30.....	14	.....	
Keweenaw County.....	July 1-31.....	1	.....	
Lake County.....	May 1-31.....	8	.....	
Lapeer County.....	May 1-June 30.....	2	.....	
Leelanau County.....	Aug. 1-31.....	1	.....	
Lenawee County.....	July 1-Nov. 30.....	14	.....	
Macomb County.....	Oct. 1-31.....	4	.....	
Manistee County, Manistee.....	May 1-31.....	1	.....	
Marquette County.....	July 1-31.....	1	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
Mason County.....	May 1-June 30.....	4		
Midland County.....	May 1-31.....	1		
Missaukee County.....	May 1-July 31.....	8		
Montcalm County.....	May 1-31.....	3		
Muskegon County.....	May 1-Oct. 31.....	55		
Newaygo County.....	May 1-July 31.....	8		
Oakland County.....	June 1-30.....	3		
Oceana County.....	Oct. 1-31.....	1		
Oceola County.....	June 1-30.....	1		
Ottawa County.....	July 1-31.....	1		
Otsego County.....	June 1-30.....	8		
Saginaw County.....	May 1-Nov. 30.....	36		
Saginaw.....	June 21-Nov. 28.....	10		
St. Clair County.....	May 1-Nov. 30.....	27		
Port Huron.....	May 1-July 31.....	10	1	
St. Joseph County.....	June 1-30.....	1		
Shiawassee County.....	May 1-31.....	1		
Tuscola County.....	July 1-Nov. 30.....	3		
Van Buren County.....	Aug. 1-31.....	1		
Wayne County, Detroit.....	July 4-Aug. 1.....	2		
Wexford County.....	May 1-July 31.....	22		
<b>Total for State.....</b>		<b>538</b>	<b>2</b>	
<b>Minnesota:</b>				
Aitkin County.....	Apr. 1-July 20.....	10		
Anoka County.....	Apr. 28-Sept. 27.....	6		
Becker County.....	Apr. 28-July 13.....	128		
Beltrami County.....	July 21-Aug. 8.....	4		
Benton County.....	Apr. 28-July 20.....	12		
Bigstone County.....	Apr. 7-May 17.....	1		
Blue Earth County.....	Apr. 21-July 6.....	25		
Brown County.....	Mar. 31-Sept. 13.....	19		
Carlton County.....	June 16-29.....	2		
Carver County.....	Apr. 28-Aug. 10.....	30		
Cass County.....	June 1-8.....	1		
Chippewa County.....	Apr. 21-Sept. 27.....	15		
Chisago County.....	Apr. 14-July 6.....	3		
Clay County.....	Apr. 28-July 20.....	26		
Cottonwood County.....	July 20-27.....	2		
Crow Wing County.....	Apr. 28-Oct. 3.....	17		
Dakota County.....	Apr. 28-July 27.....	9		
Douglas County.....	June 9-15.....	2		
Faribault County.....	May 4-July 13.....	23		
Fillmore County.....	May 4-Aug. 24.....	17		
Freeborn County.....	May 4-10.....	1		
Goodhue County.....	May 4-June 29.....	21		
Grant County.....	Sept. 7-13.....	2		
Hennepin County.....	Apr. 28-Aug. 24.....	51		
Minneapolis.....	June 1-Oct. 31.....	56		
Houston County.....	Apr. 28-June 15.....	3		
Hubbard County.....	Apr. 28-Sept. 20.....	32		
Isanti County.....	Apr. 28-May 17.....	5		
Itasca County.....	Apr. 7-June 15.....	20		
Jackson County.....	Apr. 13-Sept. 13.....	40		
Kanabec County.....	May 4-10.....	5		
Kandiyohi County.....	May 4-15.....	16		
Kittson County.....	Apr. 14-Sept. 13.....	4		
Koochiching County.....	May 25-June 29.....	8		
Lac qui Parle County.....	May 4-July 6.....	16		
Lake County.....	May 27-July 27.....	14		
Lesueur County.....	Apr. 28-Aug. 31.....	17		
Lincoln County.....	June 4-Sept. 6.....	4		
Lyon County.....	May 4-Oct. 3.....	4		
McLeod County.....	May 24-June 8.....	3		
Marshall County.....	June 29-Sept. 6.....	4		
Martin County.....	Apr. 28-June 15.....	5		
Meeker County.....	Apr. 28-July 20.....	31		
Millelacs County.....	Apr. 28-June 15.....	4		
Morrison County.....	Apr. 28-Sept. 27.....	30		
Mower County.....	May 17-June 22.....	6		
Murray County.....	July 6-Aug. 24.....	8		
Nicollet County.....	Apr. 28-June 1.....	14		
Nobles County.....	Apr. 28-Aug. 3.....	5		
Norman County.....	May 10-June 22.....	3		
Olmsted County.....	Apr. 28-Sept. 27.....	16		
Ottertail County.....	Apr. 28-Sept. 6.....	45		
Pine County.....	May 17-June 22.....	9		
Pipestone County.....	June 1-27.....	3		
Polk County.....	Apr. 28-Oct. 3.....	17		
Pope County.....	Apr. 28-May 3.....	1		
Ramsey County.....	Apr. 28-Sept. 13.....	13		
St. Paul.....	May 1-Sept. 30.....	194		

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*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Red Lake County.....	May 4-Sept. 13.....	13	.....	
Redwood County.....	Apr. 28-Aug. 3.....	14	.....	
Renville County .....	May 10-Sept. 13.....	7	.....	
Rice County.....	Apr. 28-June 22.....	6	.....	
Rock County.....	Apr. 28-June 8.....	3	.....	
Roseau County.....	May 4-July 6.....	3	.....	
St. Louis County.....	Apr. 28-June 15.....	9	.....	
Duluth.....	Apr. 28-Aug. 31.....	230	.....	
Scott County.....	Apr. 28-July 27.....	149	.....	
Sibley County.....	Apr. 27-Oct. 6.....	26	.....	
Stearns County.....	Apr. 28-Sept. 20.....	69	.....	
Steele County.....	Apr. 28-Sept. 6.....	18	.....	
Stevens County.....	Apr. 28-June 29.....	9	.....	
Swift County.....	Apr. 28-June 22.....	18	.....	
Todd County.....	Apr. 28-Aug. 10.....	66	.....	
Wabasha County.....	Apr. 28-Sept. 6.....	10	.....	
Wadena County.....	July 20-Aug. 31.....	7	.....	
Wantowan County.....	Sept. 7-13.....	1	.....	
Washington County.....	May 24-July 13.....	7	.....	
Wilkin County.....	Apr. 28-July 6.....	6	.....	
Winona County.....	May 4-July 13.....	6	.....	
Winona.....	June 21-July 18.....	2	.....	
Wright County.....	Apr. 29-Aug. 11.....	50	.....	
Yellow Medicine County.....	May 4-Aug. 11.....	16	.....	
<b>Total for State.....</b>		<b>1,827</b>	.....	
<b>Missouri:</b>				
Carterville.....	Nov. 2.....	6	.....	July to September, present.
Conway.....	Apr. 20-June 19.....	29	.....	
Durham.....	May 1-July 1.....	.....		Present and in vicinity.
Kansas City.....	June 14-Aug. 8.....	6	.....	
La Belle.....	May 1-July 1.....	7	.....	
Lewiston.....	May 1-July 1.....	18	.....	And vicinity.
Monticello.....	May 1-July 1.....	1	.....	Do.
St. Joseph.....	June 7-Aug. 29.....	32	.....	
St. Louis.....	June 14-Nov. 28.....	9	.....	
<b>Total for State.....</b>		<b>108</b>	.....	
<b>Montana:</b>				
Beaverhead County.....	July 1-31.....	1	.....	
Carbon County.....	July 1-Aug. 31.....	5	.....	
Cascade County.....	May 1-Oct. 31.....	7	.....	
Chouteau County.....	May 1-Oct. 31.....	25	.....	
Custer County.....	Aug. 1-31.....	1	.....	
Dawson County.....	June 1-30.....	2	.....	
Deerlodge County.....	May 1-31.....	1	.....	
Fergus County.....	May 1-July 31.....	9	.....	
Flathead County.....	May 1-Oct. 31.....	77	.....	
Gallatin County.....	May 1-Oct. 31.....	45	.....	
Bozeman.....	June 1-Oct. 31.....	119	.....	
Lewis and Clark County.....	May 1-31.....	3	.....	
Helena.....	May 1-June 30.....	5	.....	
Meagher County.....	May 1-July 31.....	2	.....	
Missoula County.....	May 1-July 31.....	7	.....	
Missoula.....	May 1-June 30.....	3	.....	
Park County.....	July 1-Sept. 30.....	3	.....	
Ravalli County.....	May 1-Oct. 31.....	17	.....	
Rosebud County.....	June 1-30.....	2	.....	
Sanders County.....	July 1-31.....	1	.....	
Silverbow County.....	Aug. 1-31.....	4	.....	
Butte.....	June 1-Nov. 24.....	19	.....	
Teton County.....	July 1-31.....	2	.....	
Valley County.....	May 1-31.....	4	.....	
Yellowstone County.....	Oct. 1-31.....	76	.....	
<b>Total for State.....</b>		<b>410</b>	.....	
<b>Nebraska:</b>				
Friend.....	Apr. 13-June 18.....	13	.....	
Lincoln.....	Mar. 1-Oct. 31.....	23	.....	
South Omaha.....	June 7-13.....	1	.....	
<b>Total for State.....</b>		<b>37</b>	.....	
<b>New Jersey:</b>				
Fort Hancock.....	July 30.....	1	.....	
<b>Total for State.....</b>		<b>1</b>	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
New York, general .....	May 1-Sept. 30....	118	.....	
New York .....	June 14-Oct. 17....	3	1	
Niagara Falls .....	June 14-20....	1	.....	
Schenectady .....	June 1-30....	2	.....	
Total for State.....	.....	124	1	
North Carolina:				
Anson County .....	May 1-31....	30	.....	
Bladen County .....	July 1-31....	1	.....	
Cabarrus County .....	Apr. 1-May 31....	38	.....	
Camden County .....	Apr. 1-July 31....	30	.....	
Caswell County .....	June 1-30....	.....		
Chatham County .....	Apr. 1-Aug. 31....	7	.....	Present.
Chowan County .....	Apr. 1-May 31....	13	.....	
Cleveland County .....	Apr. 1-July 31....	10	.....	
Currituck County .....	Sept. 1-30....	.....		Do.
Davie County .....	Apr. 1-30....	4	.....	
Forsyth County .....	Apr. 1-30....	1	.....	
Gates County .....	Apr. 1-30....	3	.....	
Guilford County .....	Apr. 1-30....	6	.....	
Greensboro .....	Aug. 12-22....	1	.....	
Haywood County .....	Aug. 1-31....	5	.....	
Johnston County .....	Apr. 1-Sept. 30....	53	.....	
McDowell County .....	Aug. 1-31....	1	.....	
Mecklenburg County—Charlotte .....	June 14-Aug. 15....	4	.....	
Nash County .....	Sept. 1-30....	4	.....	
New Hanover County .....	Apr. 1-May 31....	6	.....	
Orange County .....	Apr. 1-May 31....	3	.....	
Pasquotank County .....	Aug. 1-31....	9	.....	
Richmond County .....	May 1-June 30....	2	.....	
Rowan County .....	Apr. 1-May 31....	26	.....	
Rutherford County .....	Apr. 1-30....	12	.....	
Wayne County .....	Apr. 1-30....	5	.....	
Yadkin County .....	Apr. 1-30....	2	.....	
Total for State.....	.....	276	.....	
North Dakota:				
Bismarck .....	Mar. 1-Sept. 30....	38	.....	
Total for State.....	.....	38	.....	
Ohio, general .....	Apr. 25-June 13....	200	.....	
Canton .....	June 7-13....	1	.....	
Cincinnati .....	June 20-Nov. 27....	31	.....	
Columbus .....	Sept. 1-Oct. 31....	5	.....	
Conneaut .....	Sept. 1-30....	5	.....	
Dayton .....	June 14-Oct. 10....	18	.....	
Springfield .....	July 12-18....	1	.....	
Toledo .....	June 14-Aug. 16....	12	.....	
Troy .....	Apr. 15-July 3....	28	.....	
Zanesville .....	Aug. 1-31....	1	.....	
Total for State.....	.....	302	.....	
Oregon:				
Portland .....	Apr. 1-Sept. 30....	185	.....	
Total for State.....	.....	185	.....	
Pennsylvania:				
Philadelphia .....	Aug. 30-Sept. 4....	1	.....	
Reading .....	Nov. 17-23 ....	10	.....	
Total for State.....	.....	11	.....	
Rhode Island:				
Pawtucket .....	June 12-29....	1	.....	
Total for State.....	.....	1	.....	
South Carolina:				
General .....	Jan. 1-June 30....	170	1	
Total for State.....	.....	170	1	
Tennessee:				
Dekalb County .....	Sept. 15-Nov. 3....	29	.....	Including Dowelltown.
Knoxville .....	June 21-July 25....	2	.....	
Livingston .....	June 13-Apr. 11....	9	1	

December 11, 1908

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Tennessee—Continued.</b>				
Mechanicsburg.....	Sept. 16.....	1.....		
Nashville.....	June 14-Nov. 21.....	4.....		
Coulterville .....	Sept. 9-Nov. 4.....	30.....		
Stanton.....	Sept. 10-Nov. 9.....	21.....		
Total for State.....		96.....	1.....	
<b>Texas:</b>				
Encinal .....	Oct. 22-Nov. 26.....	49.....		
Fort Worth.....	May 1-31.....	9.....		
San Antonio.....	June 14-Nov. 28.....	13.....		
Total for State.....		71.....		
<b>Utah:</b>				
Boxelder County .....	Oct. 1-31.....	2.....		
Cache County .....	May 1-Oct. 31.....	3.....		
Carbon County .....	June 1-Oct. 31.....	2.....		
Davis County.....	May 1-Sept. 30.....	4.....		
Garfield County .....	Oct. 1-31.....	7.....		
Salt Lake County—				
Salt Lake City.....	May 1-Oct. 31.....	61.....		
Uinta County .....	July 1-31 .....	1.....		
Utah County .....	May 1-Aug. 31.....	20.....		
Weber County.....	May 1-June 30.....	21.....		
Total for State.....		121.....	1.....	
<b>Vermont:</b>				
Bellows Falls.....	Nov. 15-Dec. 4.....	1.....		
Brattleboro.....	Nov. 1-Dec. 4.....	60.....		
Dummerston .....	Nov. 1-Dec. 4 .....	2.....		
East Dover .....	Nov. 1-Dec. 4 .....	27.....		
Halifax .....	Nov. 1-Dec. 4 .....	2.....		
Putney .....	Dec. 4 .....	1.....		
South Londonderry.....	Nov. 1-Dec. 4 .....	2.....		
West Charleston.....	Dec. 4 .....	1.....		
Whiting .....	May 5 .....	1.....		
Total for State.....		97.....		
<b>Virginia:</b>				
Alexandria.....	June 25-27.....	13.....		
Waynesboro.....	June 1-July 31.....	20.....		
Total for State.....		33.....		
<b>Washington:</b>				
Seattle .....	May 1-Sept. 30.....	40.....		
Spokane .....	June 7-Nov. 14.....	76.....		
Tacoma .....	June 8-Nov. 1.....	9.....		
Total for State.....		125.....		
<b>West Virginia:</b>				
Charleston .....	Aug. 1-31 .....	2.....		
Moundsville.....	June 17-July 2 .....	1.....		
Total for State.....		3.....		
<b>Wisconsin:</b>				
Adams County .....	Apr. 1-June 30.....	1.....		
Ashland County .....	Apr. 1-June 30.....	8.....		
Barron County .....	Apr. 1-June 30.....	10.....		
Bayfield County .....	Apr. 1-June 30.....	8.....		
Brown County .....	Apr. 1-June 30.....	1.....		
Buffalo County .....	Apr. 1-June 30.....	6.....		
Calumet County .....	Apr. 1-June 30.....	5.....		
Chippewa County .....	Apr. 1-June 30.....	50.....		
Clark County .....	Apr. 1-June 30.....	7.....		
Crawford County .....	Apr. 1-June 30.....	7.....		
Dane County .....	Apr. 1-June 30.....	3.....		
Dodge County .....	Apr. 1-June 30.....	37.....		
Door County .....	Apr. 1-June 30.....	17.....		
Douglas County .....	Apr. 1-June 30.....	82.....		
Dunn County .....	Apr. 1-June 30.....	11.....		
Fond du Lac County .....	Apr. 1-June 30.....	3.....		
Green County .....	Apr. 1-June 30.....	8.....		
Jackson County .....	Apr. 1-June 30.....	10.....		
Jefferson County .....	Apr. 1-June 30.....	8.....		
Jeanneau County .....	Apr. 1-June 30.....	6.....		
Kewaunee County .....	Apr. 1-June 30.....	10.....		

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*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
La Crosse County—				
La Crosse.....	June 16-Nov. 28.....	40		
Manitowoc County.....	Apr. 1-June 30.....	27		
Manitowoc .....	Aug. 2-Nov. 21.....	28		
Marathon County.....	Apr. 1-June 30.....	10		
Marinette County.....	Apr. 1-June 30.....	23		
Milwaukee County.....	Apr. 1-June 30.....	9		
Milwaukee.....	June 14-Nov. 21.....	30	1	
Monroe County.....	Apr. 1-June 30.....	4		
Oconto County.....	Apr. 1-June 30.....	5		
Outagamie County.....	Apr. 1-June 30.....	6		
Ozaukee County.....	Apr. 1-June 30.....	28		
Pepin County.....	Apr. 1-June 30.....	1		
Pierce County.....	Apr. 1-June 30.....	18		
Polk County.....	Apr. 1-June 30.....	5		
Portage County.....	Apr. 1-June 30.....	1		
Rock County.....	Apr. 1-June 30.....	6	1	
Rusk County.....	Apr. 1-June 30.....	3		
St. Croix County.....	Apr. 1-June 30.....	8		
Sauk County.....	Apr. 1-June 30.....	2		
Sheboygan County.....	Apr. 1-June 30.....	28		
Taylor County.....	Apr. 1-June 30.....	10		
Trempealeau County.....	Apr. 1-June 30.....	1		
Vernon County.....	Apr. 1-June 30.....	3		
Vilas County.....	Apr. 1-June 30.....	1		
Walworth County.....	Apr. 1-June 30.....	3		
Washburn County.....	Apr. 1-June 30.....	4		
Waukesha County.....	Apr. 1-June 30.....	11		
Waupaca County.....	Apr. 1-June 30.....	3		
Winnebago County.....	Apr. 1-June 30.....	6		
Wood County.....	Apr. 1-June 30.....	44		
Total for State.....		666	2	
Grand total, United States.....		10,556	16	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine Hospital Service, July 15—December 11, 1908.*

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Alameda County—				
Oakland.....	July 21.....	1	1	
Contra Costa County—				
Concord.....	July 15.....	1	1	
Penois Valley.....	July 24.....	1	1	10 miles from Martinez.
Los Angeles County—				
Los Angeles.....	August 11.....	1		

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*Weekly morbidity and mortality table, cities of the United States.*

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes	Tuber- culosis.	Enteric fever.	Scarlet fever.	Diph- theria.	Measles.	Whoop- ing cough.
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.....	Nov. 28	38,973	15	—	1	—	—	1	—
Ann Arbor, Mich.....	Nov. 21	14,509	6	—	1	—	—	1	—
Baltimore, Md.....	Nov. 28	508,957	171	18	26	19	3	9	17
Bath, Me.....	do	10,477	—	—	—	—	—	1	19
Beaver Falls, Pa.....	do	13,000	—	—	—	—	—	—	3
Biddeford, Me.....	do	16,145	2	—	—	—	—	—	—
Boston, Mass.....	do	560,892	199	38	12	12	3	75	4
Bradford, Pa.....	do	15,029	8	—	—	—	—	78	6
Butte, Mont.....	Nov. 10	30,470	11	—	1	—	—	16	21
Do.....	Nov. 17	30,470	11	1	2	—	—	—	3
Cambridge, Mass.....	Nov. 28	91,886	29	4	2	—	—	10	1
Camden, N. J.....	do	75,935	27	24	2	—	—	6	1
Charlotte, N. C.....	Nov. 27	18,091	8	1	2	—	—	1	2
Chelsea, Mass.....	Nov. 28	34,072	4	—	1	—	—	2	—
Chicago, Ill.....	do	1,698,575	520	189	67	44	8	222	9
Chicopee, Mass.....	do	19,167	5	1	—	—	—	99	4
Cincinnati, Ohio.....	Nov. 27	325,902	108	10	13	—	2	13	1
Cleveland, Ohio.....	do	381,768	124	29	12	11	2	45	5
Clinton, Mass.....	Nov. 28	13,667	6	—	—	—	—	6	8
Covington, Ky.....	do	42,938	15	—	3	—	—	—	—
Detroit, Mich.....	do	285,704	122	—	—	—	—	23	—
Dunkirk, N. Y.....	do	11,616	5	—	1	—	—	1	—
Elkhart, Ind.....	do	15,184	3	1	1	—	—	1	—
Fall River, Mass.....	do	104,863	28	3	3	1	—	2	3
Findlay, Ohio.....	do	17,613	2	—	—	—	—	1	—
Galveston, Tex.....	Nov. 27	37,789	8	1	—	5	1	—	3
G'd Rapids, Mich.....	Nov. 21	87,565	24	3	3	5	—	1	6
Greensboro, N. C.....	Nov. 28	10,035	4	3	—	1	5	—	—
Harrison, N. J.....	do	10,596	3	—	—	—	1	3	—
Haverhill, Mass.....	do	37,175	2	2	—	—	—	8	1
Hoboken, N. J.....	do	59,364	—	—	1	—	—	2	7
Johnstown, Pa.....	do	35,936	14	1	3	2	—	—	—
Kansas City, Kans.....	do	51,418	18	3	9	1	3	5	1
Knoxville, Tenn.....	do	32,637	—	—	—	—	—	2	—
La Crosse, Wis.....	Nov. 21	28,895	—	1	—	1	—	—	—
La Fayette, Ind.....	Nov. 23	18,116	3	—	1	—	—	2	—
Lebanon, Pa.....	Nov. 28	17,628	8	—	—	—	—	1	1
Los Angeles, Cal.....	Nov. 21	102,479	63	5	9	4	—	7	2
Lowell, Mass.....	Nov. 28	94,969	22	3	1	2	—	7	1
Lynn, Mass.....	Nov. 21	68,513	19	—	1	2	1	8	2
Manchester, N. H.....	Nov. 28	56,987	25	1	1	1	1	11	2
Manitowoc, Wis.....	Nov. 21	11,766	3	—	—	1	—	1	—
Marinette, Wis.....	Nov. 28	16,195	3	—	—	—	—	—	—
Medford, Mass.....	Nov. 28	18,244	1	—	—	—	1	—	1
Milwaukee, Wis.....	Nov. 21	285,315	71	10	8	8	31	1	22
Mobile, Ala.....	do	38,469	29	—	8	1	2	3	—
Montclair, N. J.....	do	13,962	2	—	—	—	2	1	—
Do.....	Nov. 28	13,962	8	—	1	1	—	1	—
Montgomery, Ala.....	Nov. 26	30,346	9	—	1	—	—	3	—
Mt. Vernon, N. Y.....	Nov. 28	21,228	3	1	—	—	2	—	3
Nashville, Tenn.....	do	80,865	32	1	4	6	1	4	1
Newark, N. J.....	do	246,070	85	—	14	2	37	2	2
New Bedford, Mass.....	do	63,442	33	2	3	2	1	1	2
Newburyport, Mass.....	do	14,478	7	1	1	—	—	4	—
Newton, Mass.....	do	33,587	7	1	—	1	5	1	1
New York, N. Y.....	do	3,437,202	1,290	405	184	47	13	191	10
Niagara Falls, N. Y.....	do	19,457	11	—	1	1	—	1	—
Norristown, Pa.....	do	22,265	7	4	1	—	2	—	—
North Adams, Mass.....	do	24,200	10	—	—	1	—	1	4
Northampton, Mass.....	do	18,643	5	—	1	—	1	—	—
Orange, N. J.....	do	24,141	5	9	—	—	1	—	1
Ottumwa, Iowa.....	do	18,197	8	—	—	1	—	1	—
Pittsburg, Pa.....	Nov. 21	321,616	143	31	19	16	1	43	2
Plainfield, N. J.....	Nov. 28	15,369	7	—	1	1	1	—	4
Portsmouth, N. H.....	do	10,637	2	—	1	—	—	—	—
Providence, R. I.....	do	175,507	47	5	10	19	1	13	24
Racine, Wis.....	do	39,102	9	—	—	—	4	—	—
Reading, Pa.....	Nov. 23	78,961	41	—	143	1	3	4	4
Do.....	Nov. 30	78,961	42	2	3	221	1	7	4

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*Weekly morbidity and mortality table, cities of the United States—Continued.*

Cities.	Week ended	Population, United States census, 1900.	Total deaths from all causes.	Tuber-	Enteric	Scarlet	Diph-	Measles,	Whoop-	
				closis.	fever.	fever.	thria.		ing cough.	
Richmond, Va.	Nov. 21	85,050	31	2	4	2	1	9	1	1
San Antonio, Tex.	do	53,321								1
San Francisco, Cal.	do	312,782	136	25	15	9	3	20	17	13
Somerville, Mass.	Nov. 28	61,643	11	1	4	1	6	9	1	
South Omaha, Nebr.	Nov. 21	26,001						3		
Spokane, Wash	do	38,8-8	26		3	8	1	12	9	1
Springfield, Ill.	Nov. 26	34,159	18				4	1	2	
Steeltown, Pa.	Nov. 28	12,068					1			2
Terre Haute, Ind.	do	36,673	15		2				1	
Titusville, Pa.	do	8,244	4				1			
Topeka, Kans.	Nov. 21	33,608	4				1		3	
Trenton, N. J.	Nov. 28	73,307		1	1					
Waltham, Mass.	do	23,481	5	1	2		13	5	1	
Washington, D. C.	Nov. 21	278,718	116	21	21	23	2	17	18	7
Willsburg, Pa.	Nov. 28	13,000	6	1			1		3	6
Wilmington, Del.	do	76,508	22		2					
Woburn, Mass.	do	14,251	3	2				2		

## FOREIGN AND INSULAR.

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### CURRENT QUARANTINE MEASURES.

From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, October 28, and November 4 and 11, 1908.]

#### CHOLERA.

**GERMAN EMPIRE.**—October 19. Vessels, with crew and passengers, arriving from Archangel or Riga, shall receive free pratique at German ports only after medical inspection.

**EGYPT.**—October 17. Cholera regulations in force against arrivals from Archangel, Riga, and Novorossysk.

**GREECE.**—October 13. Measures in force against vessels leaving Kherson on or after September 27.

**HOLLAND.**—October 17. Riga declared cholera infected and five days' quarantine imposed. Importation of rags and used clothing subject to same restrictions as against Archangel. October 31. Prohibition of importation of rags and used clothing from Taganrog removed.

**ITALY.**—October 18. Sanitary police measures against arrivals from Odessa, imposed September 17, removed.

**RUSSIA.**—October 24. The district of Archangel declared cholera infected. The city of Odessa declared free of cholera. October 21. The city of Fooshan and the island of Makonosima, Korea, declared cholera infected.

**SWEDEN.**—October 15. The island of Aland (Russian Finland) declared free from cholera. The following localities in Europe declared cholera infected: The Finnish provinces of Abo and Björneborg, with the exception of Aland, Nyland, and Wiborg; the governments of Petersburg, Livland, Nishni-Novgorod, Samara, Saratov, and Astrakhan, the Don Territory, and the cities of St. Petersburg, Rostov, Taganrog, and Odessa. October 31, the government of Livland declared free from cholera.

**TURKEY.**—Arrivals from Russian ports of the Black Sea required to have bills of health signed by the respective Turkish consuls. October 20. Vessels from the Russian coast between Batoom and Odessa, both ports included, not having passengers on board, shall undergo medical inspection at the lazaretto of Sinope or that of Monastir-Aghzy, with disinfection of used articles of crew. Pilgrim vessels from Russia may undergo their quarantine at the lazaretto of Sinope under conditions expressed in a circular of October 20, issued by the International Sanitary Council of Constantinople.

## PLAQUE.

**AUSTRIA.**—September 15. The measures imposed August 6 by the maritime sanitary authorities at Trieste against Port of Spain, Island of Trinidad, were suspended.

**CHINA.**—September 9. The German consul at Chefoo suspended the measures ordered January 8 against German vessels from Kobe. September 29. Measures ordered June 12 against arrivals from Hongkong and Canton suspended. The restrictions ordered April 1 against importation of certain articles from the places named remain in force.

October 13. The German consul at Tientsin suspended the sanitary police control of German vessels ordered June 12 for arrivals from Hongkong, Canton, Swatow, and Amoy, and the ports of Tongku-Tientsin and Chinwangtao. Importation of certain susceptible articles still forbidden.

**DUTCH GUIANA.**—September 30. Quarantine in force against arrivals from Trinidad or which have come into communication with vessels from said island.

**EGYPT.**—October 23. Plague regulations against arrivals from Adalia suspended.

**ITALY.**—October 13. Maritime sanitary police measures against arrivals from Guayaquil suspended.

**TURKEY.**—October 20. Medical inspection of arrivals from Adalia suspended.

## CHINA.

*Report from Shanghai—Inspection of vessels—Leprosy.*

Acting Assistant Surgeon Ransom reports, October 31:

Week ended October 31. Supplemental bills of health granted to 2 steamships with an aggregate personnel of 769. One vessel and 60 members of crews were inspected. Four steerage passengers were inspected and their baggage was passed. Manifests were viséed for 24,709 pieces of freight, amounting to 2,339.15 tons.

Shanghai continues free from quarantinable disease with the exception of leprosy.

*Report from Tientsin—Epidemic plague at Tongshan—History of outbreak—Sanitary measures.*

The following is received from Consul-General Williams, under date of October 24:

Plague is epidemic at Tongshan, in this Province.

Tongshan is situated on the railway between Tientsin and Shanghai-kuan, about 80 miles from this port and between Tientsin and its out-port, Chinwangtao. It is the location of the Kaiping colliery, and its only exports are coal, cement, brick, and tiles. There are about 5,000 Cantonese at Tongshan in the employ of an engineering and mining company. Plague first appeared among these employees about August 20, last, but was not reported to the local physician until September 7. He notified the sanitary bureau at once, and a French physician was sent to introduce and enforce proper regulations. Efforts were made to isolate the cases and prevent the spread of infection. These efforts have not been entirely successful, owing to the unwillingness

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of the people to allow the inspection of their houses or to send their sick to the hospital, but the Cantonese have shown a willingness to submit to the orders of the medical authorities and the sanitary police, and their quarter of the town is in much better condition than at the beginning of the epidemic. In other sections, however, the disease is rife, and a few cases are known to have occurred 13 miles from Tong-shan. Inspection is maintained at the railway station and on the trains. Plague has not reached Tientsin or its three dependent ports, Chinwangtao, Tangtu, and Taku. The mining company maintains a rigid inspection of all its employees entering the company's compound or mines.

Despite the fact, however, that the health officer here declares that there is no plague in Tientsin or its dependent ports, the customs and consular authorities at Shanghai have declared these places infected, and quarantine regulations are being enforced.

The population of the infected area is about 200,000. The known number of cases, or more properly the number reported, has averaged about 20 a day. The mortality is estimated at 63 per cent. The number of cases of the pneumonic form is estimated at about 11½ per cent of the total.

#### CUBA.

*Reports from Cienfuegos—Inspection of vessels—House and water-deposit inspection—Leprosy.*

Acting Assistant Surgeon Suarez reports, November 23 and 30:

*Week ended November 21.*

Vessels inspected and bills of health issued.....	2
Members of crews inspected.....	66

No quarantinable diseases were reported during the week.

*Week ended November 28.*

Vessels inspected and bills of health issued.....	5
Members of crews inspected.....	169

No quarantinable disease was reported during the week except a new case of leprosy, which has been sent to the leprosy hospital in Santa Clara city.

During the month of October, 12,762 premises were examined and petrolized, and 202 breeding places for mosquitoes were found.

*Report from Habana—Inspection and fumigation of vessels—House and water-deposit inspection—Stegomyia calopus present.*

Passed Assistant Surgeon Amesse reports, November 30:

*Week ended November 28.*

Vessels inspected.....	16
Bills of health issued.....	17
Members of crews of outgoing vessels inspected.....	888
Passengers of outgoing vessels inspected .....	459
Vessels fumigated prior to sailing.....	2

Sanitary inspections of 12,861 premises were made during the past week, and 49 deposits of mosquito larvæ were discovered, 33 of which were collections of *Stegomyia calopus*.

*Report from Santiago—Inspection of vessels—House and water-deposit inspection.*

Acting Assistant Surgeon Wilson reports, November 25:  
 Week ended November 21. Bills of health issued to 6 vessels bound for the United States. No quarantinable disease was reported. There were inspected 3,511 houses. Mosquito larvae were found in 9.

GREAT BRITAIN.

*Report from Liverpool—Further relative to appearance of plague on barge Wesley.*

Vice-Consul Sulis reports, November 17:

The theory that plague was brought to Liverpool in rags which were carried in the barge *Wesley* the day before the first case sickened (see Public Health Reports December 4, 1908, p. 1773) is not now accepted by the medical authorities, who up to the present time are unable to account for the appearance of the disease.

HAWAII.

*Report from Honolulu—Examination of rats for plague infection.*

Passed Assistant Surgeon Currie, Plague Laboratory, reports, November 14, through Passed Assistant Surgeon Moore, in temporary charge:

*Week ended November 14.*

Rats taken in Honolulu.....	940
Trapped.....	745
Found dead.....	0
Shot from trees .....	195
Examined bacteriologically .....	708
Showing plague infection.....	0

CLASSIFICATION OF RATS SHOT FROM TREES.

Mus alexandrinus .....	100
Mus rattus .....	46
Total classified.....	146

CLASSIFICATION OF RATS TRAPPED.

Mus rattus.....	189
Mus norvegicus.....	47
Mus alexandrinus.....	53
Mus musculus.....	457
Total classified .....	746
Average number of traps set daily.....	1,319

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## ITALY.

*Report from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Naples—Smallpox in Italy.*

Assistant Surgeon Wollenberg reports, November 16:

*Vessels inspected at Naples and Palermo, week ended November 14.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 11	San Giovanni.....	New York .....	228	45	280
13	Lombardia .....	Philadelphia .....	381	60	420
13	Prinzess Irene .....	New York .....	386	80	580
14	Algeria .....	do .....			
	Total .....		995	185	1,280

## PALERMO.

Nov. 12	San Giovanni .....	New York .....	189	150	80
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*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Tra-choma.	Favus.	Suspect-ed tra-choma.	Suspect-ed favus.	Other causes.	Total.
Nov. 11	San Giovanni.....	10		2		1	13
13	Lombardia .....	10		6		2	18
13	Prinzess Irene .....	14	1	7		2	24
14	Algeria .....						
	Total .....	34	1	15		5	55

## PALERMO.

Nov. 12	San Giovanni.....	10	3	1	14
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*Smallpox in Naples.*—During the week ended November 15, 1908, 10 cases of smallpox were reported at the health office of the city of Naples.

*Smallpox in Italy.*

Week ended November 15, 1908. Cases: Lissone (Milan) 2, Palombara Sabina (Rome) 3, Bernalda 4, Miglianico (Potenza) 1, Cinquefrondi 7, Gerace Marina 2, Giffone 2, Maropati 3, Reggio Calabria 5, Radicena 5, Rizziconi (Reggio Calabria) 2.

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JAPAN.

*Report from Kobe—Inspection of vessels.*

Temporary Acting Assistant Surgeon Smith reports, November 4 and 11:

Week ended October 31. Supplemental bills of health granted to 2 steamships. There were inspected 107 members of crews. Manifests were viséed for 27,983 pieces of freight, amounting to 2,027 tons. No emigrants were examined.

Week ended November 7. Supplemental bills of health and 1 original bill of health were granted.

There were inspected 44 members of crews and 348 steerage passengers; 37 members of crew and 47 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 202 and bedding 94. Manifests were viséed for 71,259 pieces of freight, amounting to 4,975 tons.

Emigrants were examined as follows:

Steamship *Mongolia*, for Honolulu, passed 23, recommended for rejection 6; steamship *Mongolia*, for San Francisco, passed 1, recommended for rejection 0; steamship *Tango Maru*, for Seattle, passed 18, recommended for rejection 2. The emigrants passed, together with 5 intending passengers to Victoria by the steamship *Tango Maru*, were inspected, bathed, and disinfected and their effects disinfected before embarkation.

MEXICO.

*Report from Coatzacoalcos—Inspection of vessels.*

Acting Assistant Surgeon Thompson reports, November 26:

Week ended November 25. Bills of health were issued to 3 steamships after inspection.

There were no cases of quarantinable disease reported during the week.

PERSIA.

*Report from Teheran—Precautions recommended against introduction of cholera by merchandise from Tabriz.*

The following is received from the Department of State, under date of December 1:

The department has received a telegram from the minister at Teheran, under date of November 30, reading as follows: "Precautions against introduction of cholera should be taken in regard to merchandise coming from Tabriz."

PHILIPPINE ISLANDS.

*Reports from Manila—Cholera and smallpox—Summary of cholera in Manila—Cholera in the provinces—Interisland quarantine discontinued—Inspection of vessels—Quarantine transactions, September, 1908.*

Chief Quarantine Officer McClintic reports, October 17 and 28:

Week ended October 17. Forty-two cases of cholera with 12 deaths were reported for the city of Manila.

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The following is a list of the cases and deaths from cholera in the provinces of the Philippine Islands for the week:

Province.	Cases.	Deaths.
Rizal .....	40	20
Bulacan .....	19	14
Ilocoos Sur .....	8	4
Pampanga .....	3	1
Capiz .....	36	19
Palawan .....	23	22
Pangasinan .....	1	
Union .....	2	2
Cavite .....	13	12
Iloilo .....	208	116
Occidental Negros .....	230	138
Oriental Negros .....	8	2
Antique .....	111	57
Laguna.....	5	4
Total .....	707	411

During the week consular bills of health were issued at this port as follows:

October 15 the British steamship *Sungkiang*, with 68 in the crew and with 17 passengers, en route from Amoy to Cebu and Iloilo, was granted a supplemental bill of health. The crew and all passengers were bathed and vaccinated and their effects and baggage disinfected at Mariveles. October 15 the United States army transport *Buford*, with 142 in the crew and with 347 passengers, was granted a bill of health for San Francisco. The crew and steerage passengers were bathed and their effects and baggage disinfected at Mariveles quarantine station. The vessel was partially disinfected. All persons were inspected at the hour of sailing. October 16 the British steamship *Dakotah*, with 48 in the crew, was granted a supplemental bill of health for San Francisco, after the usual inspection of personnel and cargo. October 17 the British steamship *Taiyuan*, with 73 in the crew and with 71 passengers, en route from Yokohama to Zamboanga, was granted a supplemental bill of health.

Week ended October 24, 53 cases of cholera, with 32 deaths, smallpox 5 cases, 2 deaths, were reported for the city of Manila.

The following are the corrected figures with regard to cholera cases and deaths in the city of Manila for the past 8 weeks:

Week ended—	Cases.	Deaths.
September 5.....	22	19
September 12.....	34	30
September 19.....	144	96
September 26.....	325	199
October 3.....	110	77
October 10.....	61	45
October 17.....	42	17
October 24.....	53	32

Cholera statistics for the city of Manila from January 1, 1908, to October 24, 1908, show 1,057 cases and 740 deaths.

The following is a list of the cholera cases and deaths reported as having occurred in the provinces during the week covered by this report:

Province.	Cases.	Deaths.
Rizal.....	32	21
Bulacan.....	25	20
Ilocos Sur.....	30	20
Nueva Ecija.....	1	1
Pampanga.....	6	5
Capiz.....	10	9
Palawan.....	13	8
Cavite.....	19	14
Iloilo.....	340	169
Occidental Negros.....	293	161
Antique.....	4	—
Total.....	827	458

Owing to the improvement in the cholera situation at Manila, the quarantine which had been imposed on outgoing interisland vessels was discontinued, and a circular letter promulgating the regulation was issued October 21, 1908.

October 20 the British steamship *Benlowers*, with 43 in the crew, en route from Hongkong to Cebu, was granted a supplemental bill of health at Manila.

*Quarantine transactions of the service in the Philippine Islands during the month of September, 1908.*

PORT OF MANILA.

Bills of health issued .....	108
Vessels inspected .....	75
Passengers on arriving vessels inspected .....	1,857
Persons vaccinated .....	12
Members of crews on arriving vessels inspected .....	4,128
Persons quarantined for observation, suspects and contacts .....	201
Persons bathed and effects disinfected .....	304
Persons in quarantine .....	201
Vessels in quarantine .....	1
Vessels disinfected .....	1
Vessels partially disinfected .....	2
Vessels fumigated to exterminate vermin .....	9
Cases of quarantinable diseases detected on vessels, smallpox .....	1
Pieces of baggage disinfected .....	400
Pieces of baggage inspected and passed .....	69

*Outgoing.*

Vessels entering quarantine during the month .....	49
Vessels remaining in quarantine September 30 .....	3
Vessels sailing without quarantine inspected and passed .....	17
Vessels disinfected .....	0
Members of crews quarantined .....	1,685
Passengers quarantined .....	1,040
Persons remaining in quarantine September 30 .....	106
Members of crews on vessels inspected .....	4,715
Passengers on vessels inspected .....	3,979
Members of crews bathed and effects disinfected .....	361
Cases of quarantinable diseases occurring among persons in detention, cholera .....	2
Pieces of baggage disinfected .....	2,946
Pieces of baggage inspected and passed .....	1,423
Pieces of miscellaneous cargo certified .....	49,581

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## PORT OF ILOILO.

Bills of health issued .....	10
Number of vessels inspected .....	33
Passengers on arriving vessels inspected .....	372
Members of crews on arriving vessels inspected .....	1,190
Persons bathed and effects disinfected .....	48
Persons detained in quarantine during month .....	48
Cases of quarantinable diseases detected on vessels, cholera .....	3
Vessels disinfected .....	3
Vessels fumigated to exterminate vermin .....	2
Number of sailing vessels fumigated to exterminate vermin .....	1
Vessels entering quarantine during the month .....	3
Pieces of baggage disinfected .....	64
Pieces of baggage inspected and passed .....	9

*Outgoing.*

Vessels sailing without quarantine inspected and passed .....	186
Members of crews on vessels inspected .....	1,267
Passengers on vessels inspected .....	673

## PORT OF CEBU.

Bills of health issued .....	10
Number of vessels inspected .....	95
Passengers on arriving vessels inspected .....	1,110
Members of crews on arriving vessels inspected .....	3,732
Persons detained in quarantine .....	1,000
Vessels disinfected .....	2
Vessels entering quarantine .....	23

## PORT OF CAVITE.

Vessels inspected .....	11
Members of crews on arriving vessels inspected .....	2,356

## PORT OF OLONGAPO.

No transactions.

## PORT OF ZAMBOANGA.

Vessels inspected .....	10
Passengers on arriving vessels inspected .....	273
Members of crews on arriving vessels inspected .....	504

## PORT OF JOLO.

Vessels inspected .....	2
Passengers on arriving vessels inspected .....	43
Members of crews on arriving vessels inspected .....	115

## RUSSIA.

*Report from Libau—Status of cholera in Russia—Inspection of emigrants.*

Acting Assistant Surgeon De Forrest reports:

November 16. During the past week 101 new cases of cholera, with 29 deaths, were reported for St. Petersburg. The total number of cases and deaths at St. Petersburg since date of outbreak is 8,082 and 3,284, respectively, with 4,512 recoveries. From October 14 to November 6, 40 cases were reported in the government of Eriwan, with 29 deaths. During the same period 3 cases were reported at Tiflis, 3 in the district of Feodosia, 1 in Alupa, and 1 in Alushta. The outbreak at Moscow was declared extinct November 6. Six deaths in all were reported at Moscow during the epidemic.

About 60,000 emigrants leave Libau monthly. November 17, 475 emigrants leave this port for New York per steamship *Estonia*. The vessel carries a cargo of hides (dry) packed in naphthalin. All passengers have been detained here 5 days under observation. All passengers by the steamships *Korea* and *Estonia* were personally examined by me 5 days before date of sailing of each vessel, each passenger receiving a certificate of examination. On the day of sailing each passenger was reexamined and none was allowed to sail without certificate of examination.

November 18. Report of November 15 shows 13 cases with 3 deaths at St. Petersburg; November 15 to 16, 5 new cases with 5 deaths, and 2 cases in district; November 16 to 17, 15 new cases, 4 deaths, and 3 cases in district. Cholera present at Dorpat, 2 cases occurring in 1 family. Reports of November 15 show 3 cases, 1 death at Kief, 1 case at Riga, and 3 cases at Kars.

**FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.**

**AFRICA—Lourenço Marquez.**—Month ended September 30, 1908. Estimated population, 10,000. Total number of deaths, 27, including 4 from tuberculosis.

**Zanzibar.**—Month of October, 1908. Estimated population, 75,000. Total number of deaths, 83, including smallpox 1, and 17 from tuberculosis.

**BORNEO—Sandakan.**—Two weeks ended September 30, 1908. Estimated population, 10,495. Total number of deaths, 13, including beriberi 2, and 2 from enteric fever.

**BRAZIL—Pernambuco.**—Two weeks ended October 15, 1908. Estimated population, 210,000. Total number of deaths, 282 including smallpox 33, enteric fever 1, and 55 from tuberculosis.

**CANADA—Ontario—Niagara Falls.**—Month of October, 1908. Estimated population, 10,000. Total number of deaths, 12. Cause of death not reported.

**COSTA RICA—San Jose.**—Months of September and October, 1908. Estimated population, 26,682. Total number of deaths, 110, including enteric fever 1, whooping cough 1, and 12 from tuberculosis.

**DUTCH GUIANA—Paramaribo.**—Month of October, 1908. Estimated population, 34,085. Total number of deaths, 140. No deaths from contagious diseases reported. Malarial fever prevalent.

**EGYPT—Suez.**—Five weeks ended November 4, 1908. Estimated population, 19,786. Total number of deaths, 57, including enteric fever 2, and 3 from diphtheria.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 76 great towns in England and Wales during the week ended November 14, 1908, correspond to an annual rate of 15.9 per 1,000 population, which is estimated at 16,234,952.

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*London.*—One thousand four hundred and eighteen deaths were registered during the week, including measles 31, scarlet fever 11, diphtheria 19, enteric fever 9, whooping cough 10, tuberculosis 151, and 41 from diarrhea. The deaths from all causes correspond to an annual rate of 15.4 per 1,000. In Greater London 2,013 deaths were registered. In the "outer ring" the deaths included 7 from measles, 5 from diphtheria, whooping cough 2, 1 from enteric fever, and 10 from diarrhea.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended November 14, 1908, in the 21 principal town districts of Ireland was 18.1 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Queenstown, viz, 6.6, and the highest in Newtownards, viz, 74.4 per 1,000.

*Scotland.*—The deaths registered in 8 principal towns during the week ended November 14, 1908, correspond to an annual rate of 16.9 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Glasgow, viz, 19.1, and the lowest in Aberdeen, viz, 11.1 per 1,000. The aggregate number of deaths registered from all causes was 597, including diphtheria 12, enteric fever 6, scarlet fever 8, whooping cough 17, and 24 from diarrhea.

*GREECE—Patras.*—Two weeks ended November 15, 1908. Estimated population, 42,500. Total number of deaths, 21, including enteric fever 2, diphtheria 1, measles 1, scarlet fever 3, and 5 from tuberculosis.

*ITALY—Rome.*—Seven weeks ended September 12, 1908. Estimated population, 559,715. Total number of deaths, 1,251, including enteric fever 36, scarlet fever 2, diphtheria 4, measles 16, whooping cough 2, and 109 from tuberculosis.

*MADAGASCAR—Tamatave.*—Three weeks ended October 17, 1908. Estimated population, 7,086. Total number of deaths, 7. Cause of deaths not reported.

*Porto Rico—Mayaguez.*—Three weeks ended November 14, 1908. Estimated population, 35,700. Total number of deaths 77, including diphtheria 1, and 9 from tuberculosis.

*SPAIN—Cadiz.*—Month of October, 1908. Estimated population, 69,382. Total number of deaths 135, including enteric fever 3, whooping cough 7, scarlet fever 1, and 18 from tuberculosis.

*Huelva.*—Month of October, 1908. Estimated population, 24,000. Total number of deaths 68, including enteric fever 2, measles 4, and 6 from tuberculosis.

*Seville.*—Month of October, 1908. Estimated population, 148,315. Total number of deaths 390, including enteric fever 1, scarlet fever 2, smallpox 1, whooping cough 1, and 79 from tuberculosis.

**SWITZERLAND.**—Week ended October 31, 1908. Reports from 18 cities, having an aggregate population of 876,946, show as follows: Total number of deaths 270, including diphtheria 1, whooping cough 2, scarlet fever 2, and 40 from tuberculosis.

**WEST INDIES.**—*Curaçao.*—Two weeks ended November 13, 1908. Estimated population, 30,400. Total number of deaths 27.

**Turks Islands.**—Three weeks ended November 14, 1908. Estimated population, 1,800. Total number of deaths 2. Cause of death not given.

*Cholera, yellow fever, plague, and smallpox, from June 27 to December 11, 1908.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

[For reports received from December 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

[**NOTE.**—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Austria:</b>				
Ostrowo .....	Sept. 8.....	76	39	
Tarnopol .....	Sept. 14.....	1	1	
<b>Ceylon, general .</b>	May 17-23.....			
Colombo .....	June 7-Sept. 26..	35	22	20 cases in the asylum for the insane.
<b>China:</b>				
Amoy (Kulangsu) .....	July 26-Sept. 19..		40	
Canton .....	June 21-27.....			Present.
Hankau .....	July 19-Sept. 21..	23	15	Among foreigners.
Do.....	July 19-Aug. 18..	10,790	1,397	Oct. 10. Still present among natives.
Hanyang .....	July 27-Aug. 18..		200	
Hongkong .....	June 14-Sept. 26..	49	53	
Ichang .....	Aug. 5-18.....			Present.
Shanghai .....	Aug. 17-Sept. 27..			Present, and in vicinity.
Wuchang .....	Aug. 5-18.....		2,140	100 cases in military encampment.
<b>India:</b>				
Bombay .....	May 20-Oct. 27..		29	
Calcutta .....	May 10-Oct. 17..		340	On s.s. Annie, en route May 28-June 1, 2 deaths.
Kurrachee .....				
Madras .....	Aug. 8-Sept. 4..		26	
Negapatam .....	May 16-Oct. 30..		1,056	
Rangoon .....	Sept. 5-Oct. 9..		28	
<b>Indo-China:</b>				
Bien Hoa .....	May 17-Oct. 10..		67	
Cholen .....	June 21-27.....	60	59	
Do.....	May 10-Oct. 3..	169	105	
Saigon.....	May 10-Sept. 19..	101	72	
<b>Japan:</b>				
<b>Awaji Island—</b>				
Yura .....	Sept. 1-5.....	7	6	Sept. 12. Epidemic.
Chiba ken .....	Jan. 1-Sept. 5 ..	3	1	
Ehime ken .....	Jan. 1-Sept. 5 ..	1	1	
Ikishima .....	Oct. 11-17.....	1	1	
Kanagawa ken .....	Jan. 1-Sept. 5 ..	3	1	Present also at Obama.
Kawasaki .....	Aug. 23.....	1	1	Present.
Kokoora .....	Oct. 1.....			Present on steamer from Calcutta.
Kuchinotsu .....	Oct. 11-17.....	7	1	
<b>Kure</b> .....	Aug. 15.....			
Mojii .....	Aug. 8-Oct. 28..	159	71	
Nagasaki .....	Oct. 3.....	1	1	From s.s. Manchuria.
Oita ken .....	Jan. 1-Sept. 5 ..	1	1	
Sasebo .....	Oct. 28.....	2	1	
Tokyo .....	Aug. 22.....	1	1	Present in vicinity.
Tokushima .....	Aug. 2-Oct. 28..	7	3	
Wakamatsu .....	Aug. 25-Sept. 15..	6	3	
Yamaguchi ken .....	Jan. 1-Sept. 5 ..	1	1	
Yokohama .....	Aug. 17-23.....	5	1	On British steamer in quarantine.
<b>Korea:</b>				
Fusan .....	Oct. 21.....			Present.
Makanoshima, island .....	Oct. 21.....			Do.

December 11, 1908

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Persia:</b>				
Teheran .....	July 3 .....	1	1	
<b>Philippine Islands:</b>				
Manila .....	June 7-Oct. 24....	852	568	3 cases to June 23 on railroad from Pangasinan Province, Sept. 14-16, 2 cases and 1 death from transport Sheridan. First quarter calendar year 1908, 203 cases, 167 deaths; second quarter, 2 cases and 4 deaths. Summary Jan. 1-Oct. 24, 1,057 cases, 740 deaths.
Provinces, general .....	July 12-18 .....	3	2	First quarter calendar year 1908, 806 cases, 628 deaths; second quarter, 3,488 cases and 2,315 deaths. Provinces north of Manila, June 28-July 4, 614 cases, 331 deaths.
Antique .....	Sept. 6-Oct. 24....	637	293	
Ascurrago .....	July 26-Aug. 1....	20	20	
Bataan .....	Jan. 1-Oct. 10 .....	21	19	
Benguet .....	July 26-Oct. 10....	13	10	
Bulacan .....	Jan. 1-Oct. 24 .....	504	359	
Capiz .....	Jan. 1-Oct. 24 .....	542	386	
Cavite .....	Jan. 1-Oct. 24 .....	151	108	
Ilocos Sur .....	July 12-Oct. 24....	2,007	1,424	
Iloilo .....	Aug. 9-Oct. 24....	5,205	3,216	
Jaro .....	July 26-Aug. 1....	17	10	
La Laguna .....	Jan. 1-Oct. 24 .....	29	18	
Leyte .....	Oct. 4-10 .....	18		
Mindoro .....	Jan. 1-Mar. 31 .....	32	20	
Misamis .....	July 12-Sept. 5....	993	413	Including Balingasang and Cagayan.
Negros Occidental .....	Sept. 6-Oct. 24....	2,049	1,299	
Negros Oriental .....	Oct. 11-17 .....	8	2	
Nueva Ecija .....	July 4-Oct. 24....	398	207	
Nueva Vizcaya .....	July 12-Aug. 29....	34	27	
Palawan .....	Sept. 21-Oct. 24....	59	51	
Pampanga .....	Jan. 1-Oct. 24 .....	259	204	
Pangasinan .....	Jan. 1-Oct. 24 .....	2,155	1,266	
Rizal .....	Jan. 1-Oct. 24 .....	632	490	
Santa Barbara .....	July 26-Aug. 1....	15	9	
Tarlac .....	Jan. 1-Sept. 19 .....	279	108	
Union .....	July 12-Oct. 17....	1,027	689	
Zambales .....	Feb. 2-Mar. 31 .....	62	48	
<b>Russia, general:</b>				
Archangel .....	July 21-Nov. 7 ....	26,741	12,613	
Astrakhan govt. district .....	Oct. 24 .....			Present.
Bakoo .....	July 19-Oct. 25....	1,718	839	
Batoom .....	Aug. 7-Oct. 25....	218	117	
Charkov district .....	Aug. 10 .....			Present in vicinity.
Charkov district .....	Sept. 12-17 .....	3	3	
Charnigov .....	Sept. 4-16 .....	2	1	
Cronstadt .....	Sept. 15-Oct. 25....	196	86	
Don, territory of .....	July 19-Oct. 3 .....	11,569	569	
Dorpat .....	Nov. 18 .....	2	1	
Ekaterinislav .....	Aug. 8-Oct. 25....	994	495	
Helsingfors .....	Sept. 17-Oct. 25....	15		5 cases from s. s. Saxon Briton.
Iritusk .....	Sept. 3 .....	1	1	
Jaroslav .....	Aug. 19-Oct. 25....	333	162	
Jenneisk .....	Aug. 28-Sept. 17 .....	7	4	
Kars .....	Nov. 15 .....	3		
Kazan .....	Aug. 7-Sept. 17 .....	125	40	
Kerch-Ýnikalé prefecture .....	Sept. 4-Aug. 26 .....	104	55	
Kerson .....	Sept. 4-12 .....	4	2	
Kief district .....	Aug. 21-Oct. 25....	735	236	
Kirghis Steppe .....	Sept. 12 .....			Nov. 15, still present.
Kostroma .....	Aug. 8-Oct. 10 .....	174	84	Present.
Kooban .....	Aug. 7-Oct. 25 .....	1,372	772	
Moscow district .....	Aug. 29-Oct. 10....	15	10	
Nakhchivan .....	Aug. 7-14 .....	19	6	
New Peterhof .....	Sept. 4-12 .....	1	1	
Nijni Novgorod .....	Aug. 7-Oct. 25 .....	750	328	
Odessa .....	Sept. 1-Oct. 10 .....	12	12	
Oofa .....	Aug. 7-Sept. 28 .....	9	4	
Orel govt .....	Sept. 4-12 .....	5	3	
Orenburg .....	Sept. 4-17 .....	4	4	
Penza .....	Aug. 8-17 .....	1		
Perm .....	Aug. 8-Sept. 17 .....	19	7	
Poltava govt .....	Sept. 4-28 .....	73	40	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia, general—Continued.				
Pskov	Sept. 11-17.....	2	1	
Riga	Sept. 20-Nov. 14..	29	1	
Rostov	July 26-Oct. 25....	1,174	531	
Samara govt. district	July 19-Oct. 25....	1,369	637	
Saratov	July 19-Oct. 25....	1,527	862	July 19, present, also, on vessels.
Siberia	Sept. 12.....			Along Yenisei River.
Simbirsk govt. district	Aug. 7-Oct. 10....	139	23	
St. Petersburg govt.	Sept. 9-Oct. 25....	340	133	
St. Petersburg	Sept. 9-Oct. 28....	7,830	3,198	Nov. 9, 258 cases in hospitals.
Syr-Daria	Sept. 4-12.....	30	15	
Tachkent	Aug. 29-Sept. 10....	23	8	
Taganrog	Aug. 29-Sept. 10....	52	31	
Tambov govt. district	July 31-Sept. 28....	22	18	
Tavride	Sept. 4-12.....	6	3	
Terek territory	Sept. 4-28.....	26	8	
Tiflis	Aug. 8-Oct. 25....	142	72	
Tomsk	Sept. 18-Oct. 25....	196	116	
Trans-Caspian territory	Sept. 12-25.....	13	6	
Tula	Aug. 7-14.....	2	1	
Tver district	Sept. 12-25.....	18	7	
Ufa district	Sept. 12-17.....	254	148	
Ural territory	Sept. 4-Oct. 25....	646	356	
Vistula district	Sept. 10.....			Present.
Vladimir govt.	Sept. 4-12.....	10	2	
Voronej	Sept. 4-12.....	5	2	
Warsaw	Aug. 2-8.....	2	2	Imported.
Zaritzyn	July 24-Sept. 3....	237	132	July 19, present, also, on vessels; Aug. 29, 250 cases daily.
Siam:				
Bassein	May 10-16 .....			Present.
Straits Settlements:				
Patalung	Sept. 7 .....			Do.
Singapore	May 10-Nov. 31....		29	

## YELLOW FEVER.

Barbados:				
Bridgetown	Oct. 6-12.....	1	1	
Brazil:				
Bahia	July 22-Sept. 30....	5	3	July 22, 3 cases from Italian bark <i>Sacro Cuore de Jeso</i> . Report Aug. 22 not received.
Manaos	May 26-Oct. 31....	34	34	
Para	May 31-Nov. 14....	52	49	
Pernambuco	June 15-Sept. 15....	4	4	
Rio de Janeiro	June 1-Aug. 15....	3	3	
Cuba:				
Habana Province—				
Habana	Sept. 13-Oct. 20...	4	3	Case Oct. 2 from s. s. <i>Merida</i> ; case Oct. 19 from s. s. <i>Monterey</i> ; case Oct. 14-20 from s. s. <i>Sal-vador</i> .
Santiago (Oriente) Province—				
Antilla	Sept. 8 .....			Case removed to Santiago Aug. 29.
Daiquiri	June 27-Aug. 15 ..	20	4	
Firmeza	Aug. 22 .....	1		
Santiago	Aug. 29-Sept. 6 ...	1	1	From Antilla and Mayari. Imported.
Curaçao	June 28-Aug. 1 ...	1	1	
Ecuador:				
Guayaquil	May 31-Oct. 31 .....		18	
France:				
St. Nazaire	Sept. 25-Oct. 20...	11	6	From s. s. <i>La France</i> from West Indian ports.
Honduras:				
Ceiba	Sept. 24 .....	1		
Martinique:				
Fort de France	June 27-Nov. 7....	57	14	And vicinity.
Mexico:				
Acapulco	Sept. 12 .....	1	1	On Mexican s. s. <i>Manuel Her-reras</i> .
Campeche	Oct. 25-Nov. 21 ..	2	2	
Frontera	July 12 .....	1		
Laguna del Carmen	Aug. 29 .....	2		
Laguna de Terminos	June 9-July 12....	8	2	From May 18, 4 cases additional from s. s. <i>Lembit</i> .

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*Cholera, yellow fever, plague, and smallpox, etc.*—Continued.

## YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico—continued.</b>				
Maxicanú .....	Nov. 14-21 .....	1 .....	.....	
Merida .....	Aug. 23-Nov. 21 .....	36 .....	19 .....	
Tierra Blanca .....	July 27 .....	1 .....	.....	
Veracruz .....	July 7-Nov. 14 .....	29 .....	15 .....	
<b>Porto Rico:</b>				
San Juan .....	July 5 .....	.....	.....	1 case on s. s. Julia.
<b>St. Vincent Island.</b> .....	Sept. 6-Oct. 3 .....	3 .....	2 .....	
<b>Venezuela.</b> .....	June 26 .....	80 .....	40 .....	Estimated. In Upata, Guasipati, and Callao.

## PLAQUE.

<b>Algeria:</b>				
Algiers .....	Sept .....	.....	1 .....	From s. s. Blythswood in voyage.
<b>Argentina:</b>				
Buenos Aires, province .....	Mar. 15-'07-Mar. 15 .....	8 .....	.....	
<b>Australia:</b>				
Brisbane .....	June 6-Aug. 8 .....	3 .....	1 .....	Case, June 6-11, at Clifton.
Sydney .....	Feb. 25-June 24 .....	4 .....	.....	
<b>Austria:</b>				
Trieste .....	Sept. 21 .....	2 .....	1 .....	From s. s. Erzherzog Franz Ferdinand from Bombay.
<b>Azores:</b>				
Fayal .....	Aug. 10-Sept. 21 .....	9 .....	4 .....	
Terceira .....	July 1-Oct. 27 .....	112 .....	53 .....	
<b>Brazil:</b>				
Bahia .....	July 29-Sept. 30 .....	10 .....	10 .....	
Maranhao, state .....	Oct. 20 .....	.....	.....	Present.
Para .....	Oct. 11-17 .....	1 .....	1 .....	
Pernambuco .....	June 1-Sept. 30 .....	.....	3 .....	
Rio de Janeiro .....	May 11-Oct. 25 .....	38 .....	13 .....	
Sao Paulo .....	May 18-Aug. 30 .....	.....	3 .....	
<b>British East Africa:</b>				
Port Florence .....	June 11-July 11 .....	27 .....	22 .....	
<b>British Gold Coast:</b>				
Akra .....	May 20-Aug. 7 .....	8 .....	5 .....	
<b>Chile:</b>				
Antofagasta .....	May 18-Aug. 12 .....	64 .....	6 .....	
Arica .....	July 15-22 .....	2 .....	.....	
Iquique .....	May 20-Oct. 12 .....	37 .....	13 .....	From Jan. 1-Apr. 30, 179 cases and 47 deaths.
Taltal .....	Oct. 6 .....	1 .....	.....	Oct. 25, 3 cases in the lazaretto.
<b>China:</b>				
Amoy .....	Aug. 8 .....	.....	1 .....	Ap. 26-Oct. 1, present in native city and up-country districts. July 21-Aug. 1, epidemic.
Canton .....	May 1-June 9 .....	10 .....	.....	Mainly imported. June 27, still present.
Changshan .....	Sept. 26 .....	.....	.....	Present.
Chinwangtao .....	Oct. 17 .....	.....	.....	Do.
Foochow .....	Apr. 6-July 18 .....	.....	.....	Do.
Hongkong .....	May 10-Sept. 5 .....	875 .....	738 .....	Do.
Hsing-Sua .....	June 2-8 .....	.....	.....	Do.
Swatow .....	July 4-Aug. 14 .....	.....	.....	Do.
Taku .....	Oct. 17 .....	.....	.....	Do.
Tangku .....	Oct. 17 .....	.....	.....	Do.
Tientsin .....	Oct. 17 .....	.....	.....	Do.
Tongshan .....	Aug. 20-Oct. 17 .....	.....	.....	And vicinity; 20 cases and 12 deaths daily. Oct. 31, still present.
<b>Ecuador:</b>				
Babohoyo .....	Sept. 19-Oct. 5 .....	4 .....	1 .....	
Guayaquil .....	May 31-Sept. 5 .....	.....	23 .....	
<b>Egypt:</b>				
Alexandria .....	May 27-Nov. 3 .....	78 .....	44 .....	Case, July 9, from s. s. Perseo.
Port Said .....	July 3-Oct. 5 .....	12 .....	8 .....	July 5, 1 case on s. s. Orenoque.
<b>Provinces—</b>				
Assiout .....	May 27-July 5 .....	6 .....	3 .....	
Minieh .....	May 15-July 31 .....	6 .....	2 .....	
Dakahlieh .....	June 2-Sept. 15 .....	3 .....	.....	
Garbieh .....	May 16-Nov. 1 .....	27 .....	6 .....	
Girgeh .....	Apr. 23-Oct. 13 .....	6 .....	6 .....	
Fayoun .....	May 28-Aug. 4 .....	81 .....	45 .....	
Beni Souef .....	May 29-Aug. 8 .....	42 .....	13 .....	
Kena .....	May 28-July 25 .....	44 .....	44 .....	
Galyoobeeeyeh .....	May 21-Aug. 3 .....	39 .....	17 .....	
Menouf .....	May 26-Nov. 5 .....	97 .....	26 .....	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Great Britain:				
Liverpool .....	Oct. 23-Nov. 8 ....	3	2	From barge Wesley. Last death occurred Nov. 8.
India:				
Bombay Presidency and Sind.	Apr. 26-Oct. 10....	17,376	12,291	
Madras Presidency.....	Apr. 26-Oct. 10....	2,116	1,385	
Bengal .....	Apr. 26-Oct. 10....	1,146	1,041	
United Provinces.....	Apr. 26-Oct. 10....	1,656	1,491	
Punjab .....	Apr. 26-Oct. 10....	14,070	11,514	
Burma .....	Apr. 26-Oct. 10....	2,396	2,327	
Central provinces, including Berar.	Apr. 26-Oct. 10....	1,930	1,684	
Coorg .....	May 24-June 27....	8	5	
Mysore State .....	Apr. 26-Oct. 10....	3,570	2,563	
Usmanabad and Raichur districts.	Aug. 9-15....	69	51	
Hyderabad State.....	July 19-Oct. 10....	657	590	
Central India.....	Apr. 26-Oct. 10....	356	216	
Rajputana .....	Apr. 26-Oct. 10....	790	623	
Kashmir .....	Apr. 26-Aug. 29....	27	15	
Northwest frontier province.	Apr. 26-July 18....	456	404	
Grand total.....		46,623	36,200	
Indo-China :				
Cholen .....	May 10-Oct. 17....	144	136	
Saigon.....	May 10-Oct. 17....	175	112	
Japan:				
Awaji Island—				
Yura .....	Sept. 26.....	48	5	
Formosa.....	May 10-Aug. 15....	620	506	From May 15 epidemic at Taiwan: 25 cases reported daily. And vicinity.
Hiogo .....	Aug. 15-Sept. 14....	36	22	
Kobe .....	May 24-Sept. 19....	9	7	
Nara .....	June 14-20....	14	-----	
Nishinomiya .....	To Sept. 24....	5	-----	
Osaka .....	May 10-June 27....	19	18	
Yokohama .....	Aug. 26.....	2	-----	
Mauritius .....	May 31-Sept. 24....	17	9	On s.s. Itsukushima in voyage.
Peru:				
Ancon .....	Oct. 22-28.....	1	1	
Barranco .....	Oct. 1-7.....	1	-----	
Callao .....	May 20-Oct. 14....	36	15	
Chepen (Pacasmayo) .....	July 8-Oct. 28....	66	32	And vicinity.
Chichayo .....	May 20-Sept. 28....	20	15	
Chorrillos .....	Aug. 18-Aug. 24....	2	-----	
Ferrenafe .....	July 21-Oct. 28....	11	5	
Guadalope .....	Aug. 5-18.....	1	1	
Lima .....	May 20-Oct. 28....	98	53	Do.
Mollendo .....	June 2-Oct. 14....	8	3	
Monsefu .....	June 2-8.....	1	-----	
Niepos (Hualgayoc) .....	June 2-8.....	2	-----	
Paita (La Huaca) .....	July 21-Oct. 28....	20	12	
Reque .....	Oct. 8-14.....	1	-----	
Salaverry .....	May 2-July 19....	17	-----	
Santa Eulalia (Huarocheiri) .....	July 21-Aug. 3....	1	-----	
San Jose (Lambayeque) .....	July 21-Oct. 21....	6	4	
Trujillo .....	May 20-Oct. 28....	293	127	Do.
Siam:				
Bangkok .....	May 3-June 20....	18	12	Present
Puket .....	May 9.....	-----	-----	Do.
Tongkah .....	May 4.....	-----	-----	
Straits Settlements:				
Singapore .....	May 17-30 .....	-----	2	
Trinidad:				
Port of Spain .....	June 4-Sept. 30 .....	17	13	
Turkey in Asia:				
Adalia .....	July 27-S pt. 23 ..	5	3	
Bagdad .....	June 7-Sept. 7 .....	76	51	
Beyroot .....	Sept. 28.....	1	-----	
Uruguay:				
Montevideo .....	Apr. 1-May 31 .....	-----	5	
Venezuela:				
Caracas .....	June 10-Nov. 7 .....	65	15	
La Guaira .....	June 16-30 .....	5	2	Aug. 5, present.
Maqueta .....	June 28.....	1	-----	Suburb of La Guaira.
Zanzibar .....	Oct. 30.....	1	1	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers .....	June 29-Oct. 31 .....	51		
Arabia:				
Aden .....	May 28-Nov. 9 .....	164		
Argentina:				
Buenos Aires Province.....	Mar. 15-'07-Mar. 15 .....	546		
Buenos Aires .....	Mar. 1-May 31 .....	4		
Austria:				
Bukowina.....	July 12-Sept. 26 .....	10		
Galicia .....	May 24-Nov. 7 .....	12		
Silesia .....	July 19-25 .....	4		
Barbados:				
Bridgetown .....	Oct. 18-24 .....	1		From s. s. Castilian Prince.
Borneo:				
Sandakan .....	Apr. 16-June 30 .....	43	16	
Brazil:				
Bahia .....	May 1-Sept. 30 .....	757	44	
Campinas .....	June 29-July 6 .....	2		
Para .....	June 28-July 4 .....	2	2	
Pernambuco .....	May 1-Oct. 15 .....	359		
Rio de Janeiro .....	May 11-Oct. 25 .....	10,930	4,875	Case Sept. 26 from s. s. Amazonas, July 8-16, 1 case and 1 death on s. s. Peruviana, and August 28 1 case on s. s. Hibernon en voyage.
Santos .....	May 18-Oct. 18 .....	66		1 case July 10 from s. s. Spartan Prince.
São Paulo .....	Aug. 10-Oct. 18 .....	67		
British South Africa:				
East London .....	July 12-Aug. 15 .....	10		
Canada:				
British Columbia—				
Vancouver .....	Oct. 31 .....	2		
Victoria .....	Nov. 8-14 .....	1		
Manitoba—				
Winnipeg .....	Oct. 4-10 .....	1		
New Brunswick—				
Caron Brook .....	Nov. 22-28 .....	1		
Edmunston .....	Nov. 22-28 .....	5		
St. Ann Quisibus .....	Nov. 22-28 .....	1		
St. Basil .....	Nov. 22-28 .....	5		
St. Leonards .....	Nov. 22-28 .....	4		
Nova Scotia—				And vicinity.
Halifax .....	June 14-Nov. 21 .....	47		
Ontario—				
Hamilton .....	June 1-30 .....	3		
Kingston .....	Nov. 21 .....	40		
Toronto .....	Oct. 4-Nov. 7 .....	7		
Ceylon, general .....	Apr. 1-30 .....	2		
Colombo .....	June 29-Oct. 17 .....	177	37	
China:				
Amoy (Kulangsu) .....	Apr. 5-Aug. 1 .....	1		August 15, still present.
Foochoo .....	Apr. 26-June 27 .....			Present.
Hongkong .....	May 10-July 18 .....	30	18	Epidemic.
Nankin .....	June 11 .....			
Shanghai .....	May 18-July 19 .....	2	12	
Cuba, general .....	Sept. 1-10 .....	1		
Habana .....	Oct. 1-7 .....			1 case on s. s. Westerwald, not landed.
Denmark:				
Copenhagen .....	Sept. 20-26 .....	2		
Ecuador:				
Guayaquil .....	May 31-Sept. 26 .....	51		Oct. 24, 1 case.
Egypt, general .....	May 14-Oct. 21 .....	804	254	
Cairo .....	May 31-Nov. 11 .....	94	31	
Suez .....	June 18-July 1 .....	5		
France:				
Marseille .....	July 1-31 .....	1		
Paris .....	May 31-Nov. 14 .....	23		
Toulon .....	May 1-Sept. 30 .....	4		
Germany, general .....	May 24-Sept. 5 .....	50		
Bremen .....	May 24-Nov. 7 .....	6		
Chemnitz .....	Aug. 2-19 .....	2		
Konigsberg .....	Aug. 2-8 .....	1		
Ulm .....	Aug. 23-29 .....	1		
Great Britain:				
Liverpool .....	Apr. 30-Aug. 29 .....	5		
Grenada Island .....	Sept. 12-26 .....	6		
India:				
Bombay .....	May 20-Nov. 3 .....	229		
Calcutta .....	May 10-Oct. 17 .....	152		
Madras .....	May 23-Aug. 14 .....	2		
Rangoon .....	Aug. 16-Oct. 31 .....	8		

\* Cases among foreigners; deaths among natives.

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Cholen .....	May 24-Oct. 17 .....	13	8	
Saigon .....	July 19-Sept. 26 .....	13	8	
Italy:				
General .....	June 8-Nov. 15 .....	689	.....	
Catania .....	May 22-July 31 .....	.....	4	
Genoa .....	May 1-Oct. 31 .....	16	.....	
Messina .....	July 19-Oct. 31 .....	.....	.....	Present.
Naples .....	June 7-Nov. 14 .....	158	12	
Palermo .....	May 24-Sept. 26 .....	33	4	
Pisicnola .....	Sept. 12-30 .....	18	1	
Turin .....	June 8-14 .....	3	1	
Japan:				
Formosa .....	June 7-13 .....	1	.....	
Kobe .....	May 31-Sept. 12 .....	13	.....	
Nagasaki .....	May 26-31 .....	1	.....	
Osaka .....	May 10-Aug. 1 .....	115	59	
Yokohama .....	June 2-29 .....	3	.....	
Java:				
Batavia .....	May 10-Oct. 24 .....	73	3	
Mexico:				
Acapulco .....	Sept. 20-26 .....	3	.....	
Aguascalientes .....	June 8-Sept. 20 .....	.....	9	
Alvarado .....	Oct. 1-17 .....	15	1	
Durango .....	Oct. 17-31 .....	.....	.....	Present.
Mexico City .....	May 10-Oct. 17 .....	.....	251	
Monterey .....	June 8-14 .....	.....	1	
Tlacotalpan .....	Oct. 1-17 .....	.....	.....	Present.
Veracruz .....	Oct. 8-10 .....	2	.....	
Netherlands, The:				
Amsterdam .....	July 27-Aug. 1 .....	1	.....	
Norway:				
General .....	Oct. 1-31 .....	10	.....	
Christiania .....	Aug. 9-Nov. 7 .....	159	16	
Peru:				
Callao .....	Oct. 10 .....	1	.....	
Lima .....	June 1-Oct. 10 .....	5	.....	
Paita .....	Aug. 25 .....	.....	.....	
Philippine Islands:				
Manila .....	May 3-Oct. 24 .....	171	65	First quarter calendar year 1908, 42 cases, 12 deaths; second quarter, 151 cases, 64 deaths. Sept. 5, 1 case on s.s. Changsha.
Porto Rico:				
Mayaguez .....	June 7-27 .....	6	.....	
Portugal:				
Cascaes .....	Sept. 12-18 .....	1	.....	
Lisbon .....	May 31-Oct. 31 .....	48	.....	
Russia:				
Batoom .....	May 1-31 .....	1	.....	
Reval .....	Aug. 1-Sept. 30 .....	1	.....	
Libau .....	Aug. 30-Sept. 5 .....	1	1	
Moscow .....	May 24-Nov. 14 .....	423	205	
Odessa .....	May 24-Oct. 3 .....	42	4	
Riga .....	June 7-Nov. 14 .....	30	.....	
St. Petersburg .....	May 17-Nov. 7 .....	492	112	
Warsaw .....	May 10-Oct. 31 .....	.....	129	
Siberia:				
Vladivostok .....	May 6-June 21 .....	11	.....	
Spain:				
Barcelona .....	June 1-Nov. 21 .....	29	.....	
Cadiz .....	July 27 .....	.....	.....	Present.
Madrid .....	Sept. 1-30 .....	2	.....	
Malaga .....	Mar. 1-Apr. 30 .....	.....	4	July 27, present.
Seville .....	Oct. 1-31 .....	.....	1	
Valencia .....	June 1-Nov. 14 .....	98	10	
Vigo .....	Sept. 27-Nov. 7 .....	.....	3	
Straits Settlements:				
Penang .....	Aug. 2-22 .....	2	1	
Singapore .....	May 24-Sept. 5 .....	.....	6	
Switzerland:				
Zurich .....	Aug. 23-29 .....	3	.....	
Turkey in Asia:				
Bagdad .....	May 10-Sept. 5 .....	133	67	
Smyrna .....	May 13-Oct. 6 .....	.....	21	Present.
Trebizond .....	Sept. 27-Oct. 3 .....	.....	.....	
Turkey in Europe:				
Constantinople .....	June 1-Nov. 15 .....	.....	145	
Zanzibar:				
Zanzibar .....	June 8-Oct. 30 .....	.....	4	

December 11, 1908

## Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—							
				Tuberculosis.		Plague.		Cholera.		Yellow fever.	
Aberdeen .....	Nov. 14	178,210	38								
Aden .....	Nov. 9	43,794	62	3							
Aguascalientes .....	Nov. 21	40,000	40								
Amsterdam .....	Nov. 14	565,168	162	15							
Antwerp .....	Nov. 7	312,571	79	6							
Athens .....	do .....	241,058	74	19							
Barmen .....	do .....	160,600	33	4							
Barranquilla .....	do .....	40,000	29	1							
Basel .....	do .....	131,000	23	2							
Batavia .....	Oct. 17	194,000									
Belfast .....	Nov. 14	380,344	122	27							
Belize .....	Nov. 19	9,113	2								
Bergen .....	Nov. 14	87,749	26	5							
Berlin .....	Oct. 31	2,103,817	599	94							
Birmingham .....	Nov. 14	588,336	168								
Bluefields .....	do .....	2,500	2								
Bombay .....	Nov. 3	977,822	651	45	11						
Bradford .....	Oct. 31	292,136	76	6							
Do .....	Nov. 7	292,136	85	7							
Do .....	Nov. 14	292,136	80	9							
Breslau .....	Oct. 31	335,186	185	28							
Bristol .....	Nov. 14	372,785	99								
Brussels .....	Nov. 7	630,078	161	22							
Budapest .....	do .....	801,200									
Cairo .....	Nov. 4	692,57	356	16							
Calcutta .....	Oct. 17	847,796	375	22	8	17	2				
Colon .....	Oct. 10	15,000									
Christiania .....	Nov. 7	233,000	43								
Coburg .....	do .....	23,239	8								
Cognac .....	Nov. 4	19,483	7	1							
Cologne .....	Oct. 31	428,410	167	19							
Do .....	Nov. 7	428,410	147	14							
Colon .....	Nov. 8	16,000	6								
Copenhagen .....	Oct. 31	440,000	123	22							
Dalny .....	Oct. 24	36,470	8	2							
Denia .....	Nov. 7	12,421	2	1							
Do .....	Nov. 14	12,421	3								
Dresden .....	Nov. 7	544,000	131	19							
Dundee .....	Nov. 14	168,616	47								
Durban .....	Oct. 24	60,972	15	1							
Edinburgh .....	Nov. 14	350,524	110	11							
Fiume .....	Nov. 7	49,500	19	7							
Do .....	Nov. 15	49,500	31	8							
Flushing .....	Nov. 14	20,257	11								
For de France .....	Nov. 7	27,069	24								
Fronteira .....	do .....	9,000	6								
Do .....	Nov. 14	9,000	7								
Geneva .....	Oct. 31	118,500	30								
Ghent .....	Nov. 7	165,033	54	5							
Glasgow .....	Nov. 20	859,715	315								
Gothenburg .....	do .....	160,500	33	6							
Guayaquil .....	Oct. 31	75,000	43	3							
Do .....	Nov. 7	75,000	38	3							
Halifax, Nova Scotia .....	Nov. 21	40,757	27	2							
Hamburg .....	Nov. 14	854,472	261	23							
Havre .....	Nov. 7	132,430	58	10							
Hull .....	Nov. 7	271,137	76								
Do .....	Nov. 14	271,137	87								
Kingston .....	Nov. 21	20,273	8								
Kobe .....	Oct. 24	363,593	155								
Do .....	Oct. 31	363,593	136								
Lausanne .....	do .....	56,000	14								
Leeds .....	Nov. 14	477,107	146	11							
Leith .....	do .....	84,689	30	4							
Libau .....	Nov. 7	90,000									
Leipzig .....	do .....	528,184	157	27							
Liege .....	Oct. 31	174,459	52	5							
Do .....	Nov. 7	174,459	42	8							
Liverpool .....	Nov. 14	753,203	280	30	1						
London .....	do .....	4,795,757	2,013	151							
Lübeck .....	Nov. 7	96,000	27								

## Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Lyons.....	Nov. 7	472,114	173	34							1	2
Magdeburg.....	Oct. 31	247,893	73	8							3	4
Do.....	Nov. 7	247,893	77	7							7	
Managua.....	Oct. 31	22,278	12	1								
Do.....	Nov. 7	22,278	19									
Manaos.....	Oct. 24	52,000	29	6								
Do.....	Oct. 31	52,000	27	2								
Manchester.....	Nov. 14	631,533	205	19							2	6
Mannheim.....	Oct. 31	162,607	37	5								1
Mazatlan.....	do.....	22,000	20									
Messina.....	Oct. 24	107,000	29	4							1	1
Do.....	Oct. 31	107,000	23								1	
Mexico.....	Oct. 10	400,000	385	28							1	1
Do.....	Oct. 17	400,000	452	34							11	6
Monterey.....	Nov. 22	100,000	48	4							4	8
Moscow.....	Oct. 24	1,335,104	559	63							6	4
Do.....	Oct. 31	1,335,104	550	61							5	7
Do.....	Nov. 7	1,335,104	614	84							9	11
Munich.....	Oct. 31	556,000	183	21							10	8
Nagasaki.....	Oct. 25	173,118	37									
Nantes.....	Nov. 15	133,247		17								
Naples.....	Oct. 24	593,729	202									
Newcastle-on-Tyne.....	Nov. 14	272,969	115									
Niuchwang.....	Oct. 24	60,000	13	1								
Nottingham.....	Nov. 7	239,753	70									
Nuevo Laredo.....	Nov. 21	8,000	4	1								
Nuremberg.....	Oct. 31	311,650	107	19							2	1
Ottawa.....	do.....	80,200	27									
Do.....	Nov. 7	80,200	18									
Palermo.....	Oct. 31	330,000	107	8								
Do.....	Nov. 7	330,000	119	6								
Para.....	Oct. 31	185,000	79	6								
Do.....	Nov. 7	185,000	77	9								
Do.....	Nov. 14	185,000	69	9								
Penang.....	Oct. 24	101,469	92	13								
Port Elizabeth.....	Oct. 31	32,959	17	2								
Queenstown.....	Nov. 14	7,684	1									
Rangoon.....	Oct. 24	252,155	183	7	2							
Rio de Janeiro.....	Oct. 25	811,443	441	63	6							
Rotterdam.....	Oct. 14	401,408	128								1	3
St. John, N. B.....	Nov. 21	40,711	22	4								
St. Petersburg.....	Oct. 24	1,678,000	772	135							1	2
Do.....	Oct. 31	1,678,000	750	116							34	17
St. Stephen.....	Nov. 21	2,840	2									
Salaverry.....	Nov. 4	1,750	2									
San Feliu de Guixols.....	Nov. 14	11,094	3	1								
Santos.....	Oct. 11	75,000	33	5								
Do.....	Oct. 18	75,000	29	5								
Santiago de Cuba.....	Nov. 14	45,509	22	7							1	1
Shanghai.....	Oct. 25	544,500	143	13							12	
Singapore.....	Oct. 21	260,000	232	29							2	
Southampton.....	Nov. 14	122,196	31	5								
South Shields.....	do.....	115,535	51	2								
Stettin.....	Nov. 7	230,000	87	8								4
Stockholm.....	Oct. 31	337,460	86	14								2
Turin.....	Nov. 11	373,701	157	19								
Valencia.....	Nov. 7	250,000	113	15							1	
Do.....	Nov. 14	250,000	79	15							4	
Vevey.....	Oct. 31	14,000	4									
Vienna.....	Nov. 7	2,042,426	556	109							2	5
West Hartlepool.....	Nov. 14	66,750	15									
Winnipeg.....	Nov. 21	118,000	32	1							5	1
Zurich.....	Nov. 14	180,000	45	7								

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
Surgeon-General,  
United States Public Health and Marine-Hospital Service.

